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# U. S. DEPARTMENT OF AGRICULTURE,

STATES RELATIONS SERVICE.

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## COOPERATIVE AGRICULTURAL EXTENSION WORK.

### ORGANIZATION AND FINANCES.

Extension work is that phase of instruction which is carried on among people who are not resident students at an educational institution. During the past 15 years the United States Department of Agriculture and the State agricultural colleges have been developing special methods of agricultural extension work. This circular is written to explain briefly the organization and financing of the extension work now being carried on cooperatively by the department and the colleges.

### COOPERATIVE AGRICULTURAL EXTENSION ACT.

A permanent nation-wide system of agricultural extension work to be carried on by the State agricultural colleges in cooperation with the Department of Agriculture was provided for by Congress in the cooperative agricultural extension act of May 8, 1914 (see p. 36). This extension work includes practical instruction and demonstrations in agriculture and home economics given to persons not attending or resident in colleges in the several communities and the imparting of information through field demonstrations, publications, and otherwise, the work to be carried on in such manner as may be mutually agreed upon by the Secretary of Agriculture and the State agricultural colleges.

In order to provide a comprehensive basis for the cooperative agricultural extension work in the several States, a general memorandum of understanding between the department and the colleges was drawn up. This memorandum provides that each college shall organize and maintain a definite and distinct administrative division for the management and conduct of extension work in agriculture and home economics, in charge of a responsible director selected by the college and acceptable to the United States Department of Agriculture; shall administer through the extension division thus organized any and all funds received for such work from appropriations

made by Congress or the State legislature, by allotment from the board of trustees of the college or from any other source; and shall cooperate with the department in all extension work in agriculture and home economics which the department is authorized by Congress to conduct in the States.

#### ORGANIZATION OF THE EXTENSION WORK IN THE DEPARTMENT OF AGRICULTURE.

The States Relations Service represents the Department of Agriculture in the administration and general supervision of all its cooperative extension work in agriculture and home economics. This involves relations with the State agricultural colleges and the different bureaus of the department. Before any work requiring the expenditure of the cooperative agriculture extension funds is undertaken in a State the act requires that the plans for work shall have the approval of the Secretary of Agriculture. The director of extension of the college must submit detailed projects covering each line of extension work, with proposed allotment of funds for each, for approval by the department. After approval of the projects the State is certified by the department to the United States Treasurer as entitled to receive its allotment of funds.

In addition to the funds provided by the cooperative agricultural extension act, Congress makes direct appropriations to the Department of Agriculture for certain extension activities, the most important of which are farmers' cooperative demonstration work (including the county-agent work, home-demonstration work, boys' and girls' club work, and farm-management demonstrations), carried on through the States Relations Service, and the several lines of extension work carried on by various other bureaus and offices of the department.

The farmers' cooperative demonstration work and other extension work of the States Relations Service is administered through the Office of Extension Work in the South for the Southern States, and the Office of Extension Work in the North and West for the Northern and Western States. The Bureau of Animal Industry is conducting extension work in dairying and the use of dairy products; hog-cholera prevention; boys' pig, cattle, and sheep clubs; and boys' and girls' poultry clubs. The Bureau of Markets is carrying on extension work in marketing and the organization of farmers to assist in the solution of various marketing problems. The Bureau of Plant Industry is carrying on extension work in seed production and distribution and in relation to plant diseases and disease-resisting strains of plants. The Bureau of Soils, Forest Service, Bureau of Entomology, Bureau of Biological Survey, Bureau of Public Roads, and the Office of Farm Management are also cooperating with the States in carrying to the people the discoveries made in connection with their investigational work. (See also pp. 30, 31.)

### ORGANIZATION IN THE STATES.

The organization established in most State agricultural colleges consists of an extension division, at the head of which is a director who is in charge of all cooperative extension work in agriculture and home economics in the State. Under this director there generally are men in charge of various lines of work. In some States a State leader has charge of county-agent work and boys' and girls' club work, the agents in charge of club work being subordinate to him; in other States there is a separate State leader for the club work. The number of officers assisting the director varies with the size of the State and the development of extension activities. In addition to the supervising agents specialists are engaged in conducting extension schools and in other ways cooperating with the county agents in the instruction of farmers and their families.

### MONEY AVAILABLE UNDER THE COOPERATIVE AGRICULTURAL EXTENSION ACT.

The cooperative agricultural extension act provided that each State should receive \$10,000 annually for cooperative extension work in agriculture and home economics, making a total of \$480,000 per annum, beginning with the fiscal year 1914-15. For the fiscal year 1915-16 it provided for \$600,000 additional to be distributed among the several States in the proportion that the rural population of each State bears to the total rural population of all the States, as determined by the last census. This amount is to be increased by \$500,000 each year until the fiscal year 1922-23, when the total amount reaches \$4,580,000. This additional appropriation does not become available to a State until an equal amount has been appropriated by the legislature of that State or provided by State, county, college, local, or individual contributions from within the State. The aggregate sums thus required to be provided by the States will be \$4,100,000 for the fiscal year 1922-23, and annually thereafter.

Table I indicates the amounts the individual States will receive from the Federal appropriation under the cooperative agricultural extension act, provided the terms of the act are complied with.

TABLE I.—*Maximum amounts of Federal funds which each State is eligible to receive under the cooperative extension act.*<sup>1</sup>

State.	Fiscal year 1914-15.	Fiscal year 1915-16.	Fiscal year 1916-17.	Fiscal year 1917-18.	Fiscal year 1918-19.	Fiscal year 1919-20. <sup>2</sup>
Alabama.....	\$10,000	\$31,491.82	\$49,401.67	\$67,311.52	\$85,221.37	\$108,131.22
Arizona.....	10,000	11,715.47	13,145.03	14,574.59	16,004.15	17,433.71
Arkansas.....	10,000	26,678.41	40,577.08	54,475.75	68,374.42	82,273.09
California.....	10,000	21,037.45	30,235.33	39,433.21	48,631.09	57,828.97
Colorado.....	10,000	14,792.62	18,786.47	22,780.32	26,774.17	30,768.02
Connecticut.....	10,000	11,397.20	12,561.53	13,725.86	14,890.19	16,054.52
Delaware.....	10,000	11,279.51	12,345.76	13,412.01	14,478.26	15,544.51
Florida.....	10,000	16,486.94	21,892.73	27,298.52	32,704.31	38,110.10
Georgia.....	10,000	35,173.47	56,151.36	77,129.25	98,107.14	119,085.03
Idaho.....	10,000	13,108.84	15,699.54	18,290.24	20,880.94	23,471.64
Illinois.....	10,000	36,282.20	58,184.03	80,085.86	101,987.69	123,889.52
Indiana.....	10,000	28,931.02	44,706.87	60,482.72	76,258.57	92,034.42
Iowa.....	10,000	28,781.18	44,432.16	60,083.14	75,734.12	91,385.10
Kansas.....	10,000	24,555.45	36,635.00	48,814.55	60,944.10	73,073.65
Kentucky.....	10,000	31,088.17	48,661.65	66,235.13	83,808.61	101,382.09
Louisiana.....	10,000	24,102.11	35,853.87	47,605.63	59,357.39	71,109.15
Maine.....	10,000	14,388.28	18,045.18	21,702.08	25,358.98	29,015.88
Maryland.....	10,000	17,746.73	24,202.34	30,657.95	37,113.56	43,569.17
Massachusetts.....	10,000	12,930.75	15,373.04	17,815.33	20,257.62	22,699.91
Michigan.....	10,000	28,032.37	43,059.35	58,086.38	73,113.31	88,140.29
Minnesota.....	10,000	24,898.99	37,314.81	49,730.63	62,146.45	74,562.27
Mississippi.....	10,000	29,329.35	45,437.14	61,544.93	77,652.72	93,760.51
Missouri.....	10,000	33,034.17	52,229.32	71,424.47	90,619.62	109,814.77
Montana.....	10,000	12,950.01	15,408.35	17,866.69	20,325.03	22,783.37
Nebraska.....	10,000	20,715.89	29,645.80	38,575.71	47,505.62	56,435.53
Nevada.....	10,000	10,832.94	11,527.06	12,221.18	12,915.30	13,609.42
New Hampshire.....	10,000	12,133.46	13,911.34	15,689.22	17,467.10	19,244.98
New Jersey.....	10,000	17,659.22	24,041.91	30,424.60	36,807.29	43,189.98
New Mexico.....	10,000	13,413.20	16,257.54	19,101.88	21,946.22	24,790.56
New York.....	10,000	33,442.72	52,978.32	72,513.92	92,049.52	111,585.12
North Carolina.....	10,000	32,952.65	52,079.86	71,207.07	90,334.28	109,461.49
North Dakota.....	10,000	16,247.19	21,453.18	26,659.17	31,865.16	37,071.15
Ohio.....	10,000	35,556.54	56,853.66	78,150.78	99,447.90	120,745.02
Oklahoma.....	10,000	26,255.69	39,802.10	53,348.51	66,894.92	80,441.33
Oregon.....	10,000	14,446.36	18,151.66	21,856.96	25,562.26	29,267.56
Pennsylvania.....	10,000	46,893.75	77,638.54	108,383.33	139,128.12	169,872.91
Rhode Island.....	10,000	10,218.31	10,400.24	10,582.17	10,764.10	10,946.03
South Carolina.....	10,000	25,691.15	38,767.11	51,843.07	64,919.03	77,994.99
South Dakota.....	10,000	16,166.89	21,305.96	26,445.03	31,584.10	36,723.17
Tennessee.....	10,000	31,201.01	48,868.52	66,536.03	84,203.54	101,871.05
Texas.....	10,000	45,969.67	75,944.39	105,919.11	135,893.83	165,868.55
Utah.....	10,000	12,436.74	14,467.35	16,497.96	18,528.57	20,559.18
Vermont.....	10,000	12,273.77	14,168.57	16,063.37	17,958.17	19,852.97
Virginia.....	10,000	29,271.96	45,331.93	61,391.90	77,451.87	93,511.84
Washington.....	10,000	16,522.46	21,957.84	27,393.22	32,828.60	38,263.98
West Virginia.....	10,000	22,071.73	32,131.50	42,191.27	52,251.04	62,310.81
Wisconsin.....	10,000	26,164.99	39,635.81	53,106.63	66,577.45	80,048.27
Wyoming.....	10,000	11,249.20	12,290.20	13,331.20	14,372.20	15,413.20
Total.....	480,000	1,080,000.00	1,580,000.00	2,080,000.00	2,580,000.00	3,080,000.00

<sup>1</sup> Each State must duplicate all Federal money above \$10,000 per year.

<sup>2</sup> After 1920 the allotments are to be based on the returns for rural population of the Fourteenth Census.

The totals for each State contain the basic \$10,000 granted each year. To obtain the amount that the State would have to duplicate in any year to receive its entire Federal quota, subtract \$10,000 from the total. Example: The amount Alabama has to have to duplicate in 1916-17 is \$49,401.16 minus \$10,000, or \$39,401.16.

The States have supplied the money necessary to offset the Federal Smith-Lever funds mainly through direct appropriation. Of the \$600,000 required of the States in 1915-16, approximately \$460,000 was provided by direct State appropriations, \$68,000 by county appropriations, \$38,000 from funds under the direct control of the colleges, \$22,000 from local sources, and \$12,000 from miscellaneous sources. The \$1,100,000 required for 1916-17 was obtained from the

following sources: \$904,000 from State appropriations, \$84,000 from county appropriations, \$64,000 from college appropriations, and \$48,000 from local contributions. In 1917-18 the States contributed \$1,241,000, the counties \$203,000, the colleges \$83,000, and the local organizations \$72,000. The \$2,100,000 for 1918-19 was obtained from the following sources: \$1,614,000 from State appropriations, \$236,000 from county appropriations, \$167,000 from college appropriations, and \$84,000 from local organizations. Although the amounts received from funds other than those directly appropriated by the States have increased, their relative importance has remained practically the same. Table II indicates the sources of offset in the individual States.

TABLE II.—*Sources of offset to Federal Smith-Lever funds, 1915-16, 1916-17, 1917-18, and 1918-19.*

State.	Total.	State.	County.	College.	Local.	Miscellaneous.
Alabama:						
1915-16.....	\$21,491.82	\$5,000.00	\$15,000.00	.....	\$1,491.82	.....
1916-17.....	39,401.67	29,325.00	10,076.67	.....	.....	.....
1917-18.....	57,311.52	46,909.85	10,401.67	.....	.....	.....
1918-19.....	75,221.37	67,000.00	8,221.37	.....	.....	.....
Arizona:						
1915-16.....	1,715.47	1,715.47	.....	.....	.....	.....
1916-17.....	3,145.03	3,145.03	.....	.....	.....	.....
1917-18.....	4,574.59	4,574.59	.....	.....	.....	.....
1918-19.....	6,004.15	6,004.15	.....	.....	.....	.....
Arkansas:						
1915-16.....	16,678.41	16,678.41	.....	.....	.....	.....
1916-17.....	30,577.08	27,177.08	3,400.00	.....	.....	.....
1917-18.....	44,475.75	31,975.75	12,500.00	.....	.....	.....
1918-19.....	58,374.42	45,874.42	12,500.00	.....	.....	.....
California:						
1915-16.....	11,037.45	11,037.45	.....	.....	.....	.....
1916-17.....	20,235.33	20,235.33	.....	.....	.....	.....
1917-18.....	29,433.21	.....	.....	\$29,433.21	.....	.....
1918-19.....	38,631.09	.....	.....	38,631.09	.....	.....
Colorado:						
1915-16.....	4,792.62	4,792.62	.....	.....	.....	.....
1916-17.....	8,786.47	8,786.47	.....	.....	.....	.....
1917-18.....	12,780.32	12,780.32	.....	.....	.....	.....
1918-19.....	16,774.17	16,774.17	.....	.....	.....	.....
Connecticut:						
1915-16.....	1,397.20	1,397.20	.....	.....	.....	.....
1916-17.....	2,561.53	2,561.53	.....	.....	.....	.....
1917-18.....	3,725.86	3,725.86	.....	.....	.....	.....
1918-19.....	4,890.19	4,890.19	.....	.....	.....	.....
Delaware:						
1915-16.....	1,279.51	1,279.51	.....	.....	.....	.....
1916-17.....	2,345.76	2,345.76	.....	.....	.....	.....
1917-18.....	3,412.01	3,412.01	.....	.....	.....	.....
1918-19.....	4,478.26	4,478.26	.....	.....	.....	.....
Florida:						
1915-16.....	6,486.94	6,486.94	.....	.....	.....	.....
1916-17.....	11,892.73	11,892.73	.....	.....	.....	.....
1917-18.....	17,298.52	17,298.52	.....	.....	.....	.....
1918-19.....	22,704.31	22,704.31	.....	.....	.....	.....
Georgia:						
1915-16.....	25,173.47	25,173.47	.....	.....	.....	.....
1916-17.....	46,151.36	46,151.36	.....	.....	.....	.....
1917-18.....	67,129.25	67,129.25	.....	.....	.....	.....
1918-19.....	88,107.14	88,107.14	.....	.....	.....	.....
Idaho:						
1915-16.....	3,108.84	3,108.84	.....	.....	.....	.....
1916-17.....	5,699.54	5,699.54	.....	.....	.....	.....
1917-18.....	8,290.24	8,290.24	.....	.....	.....	.....
1918-19.....	10,880.94	10,880.94	.....	.....	.....	.....
Illinois:						
1915-16.....	26,282.20	.....	5,400.00	.....	20,882.20	.....
1916-17.....	48,184.03	.....	.....	.....	48,184.03	.....
1917-18.....	70,085.86	.....	.....	.....	70,085.86	.....
1918-19.....	91,987.69	28,000.00	.....	.....	63,987.69	.....

TABLE II.—Sources of offset to Federal Smith-Lever funds, 1915-16, 1916-17, 1917-18, and 1918-19—Continued.

State.	Total.	State.	County.	College.	Local.	Miscellaneous.
Indiana:						
1915-16.....	\$18,931.02	\$18,931.02				
1916-17.....	34,706.87	34,706.87				
1917-18.....	50,482.72	50,482.72				
1918-19.....	66,258.57	66,258.57				
Iowa:						
1915-16.....	18,781.18	18,781.18				
1916-17.....	34,432.16	34,432.16				
1917-18.....	50,083.14	50,083.14				
1918-19.....	65,734.12	65,734.12				
Kansas:						
1915-16.....	14,555.45	14,555.45				
1916-17.....	26,685.00	26,685.00				
1917-18.....	38,814.55	38,814.55				
1918-19.....	50,944.10	50,944.10				
Kentucky:						
1915-16.....	21,088.17	12,000.00	\$8,088.17			\$1,000.00
1916-17.....	38,661.65	19,000.00	5,000.00	\$14,461.65	\$200.00	
1917-18.....	56,235.13	21,235.13	20,000.00	15,000.00		
1918-19.....	73,808.61	73,808.61				
Louisiana:						
1915-16.....	14,102.11	14,094.00		8.11		
1916-17.....	25,853.87	20,000.00	5,853.87			
1917-18.....	37,605.63	25,000.00	12,605.63			
1918-19.....	49,357.39	36,750.00	12,607.39			
Maine:						
1915-16.....	4,388.28	4,388.28				
1916-17.....	8,045.18	8,045.18				
1917-18.....	11,702.08	11,702.08				
1918-19.....	15,358.98	15,358.98				
Maryland:						
1915-16.....	7,746.73	1,800.00	3,000.00	2,946.73		
1916-17.....	14,202.34	14,202.34				
1917-18.....	20,657.95	20,657.95				
1918-19.....	27,113.56	27,113.56				
Massachusetts:						
1915-16.....	2,930.75	2,930.75				
1916-17.....	5,373.04	5,373.04				
1917-18.....	7,815.33	7,815.33				
1918-19.....	10,257.62	10,257.62				
Michigan:						
1915-16.....	18,032.37			18,032.37		
1916-17.....	33,059.35		3,400.00	29,659.35		
1917-18.....	48,086.33		10,000.00	38,086.33		
1918-19.....	63,113.31		22,500.00	40,613.31		
Minnesota:						
1915-16.....	14,898.99	14,898.99				
1916-17.....	27,314.81	27,314.81				
1917-18.....	39,730.63	39,730.63				
1918-19.....	52,146.45	22,146.45	30,000.00			
Mississippi:						
1915-16.....	19,329.35	5,000.00	14,329.35			
1916-17.....	35,437.14	15,053.33	20,383.81			
1917-18.....	51,544.93	17,900.00	33,644.93			
1918-19.....	67,652.72	37,500.00	30,152.72			
Missouri:						
1915-16.....	23,034.17	23,034.17				
1916-17.....	42,229.32	42,229.32				
1917-18.....	61,424.47	33,964.47	27,460.00			
1918-19.....	80,619.62	41,119.62	19,500.00		20,000.00	
Montana:						
1915-16.....	2,950.01	2,950.01				
1916-17.....	5,408.35	5,408.35				
1917-18.....	7,866.69	7,866.69				
1918-19.....	10,325.03	10,325.03				
Nebraska:						
1915-16.....	10,715.89	10,715.89				
1916-17.....	19,645.80	19,645.80				
1917-18.....	28,575.71	28,575.71				
1918-19.....	37,505.62	37,505.62				
Nevada:						
1915-16.....	832.94	832.94				
1916-17.....	1,527.06	1,527.06				
1917-18.....	2,221.18	2,221.18				
1918-19.....	2,915.30	2,915.30				
New Hampshire:						
1915-16.....	2,133.46	2,133.46				
1916-17.....	3,911.34	3,900.00		11.34		
1917-18.....	5,689.22	5,689.22				
1918-19.....	7,467.10	7,467.10				

TABLE II.—*Sources of offset to Federal Smith-Lever funds, 1915-16, 1916-17, 1917-18, and 1918-19—Continued.*

State.	Total.	State.	County.	College.	Local.	Miscellaneous.
New Jersey:						
1915-16.....	\$7,659.22	\$7,659.22	.....	.....	.....	.....
1916-17.....	14,041.91	14,041.91	.....	.....	.....	.....
1917-18.....	20,424.60	20,424.60	.....	.....	.....	.....
1918-19.....	26,807.29	26,807.29	.....	.....	.....	.....
New Mexico:						
1915-16.....	3,413.20	3,400.00	\$13 20	.....	.....	.....
1916-17.....	6,257.54	6,257.54	.....	.....	.....	.....
1917-18.....	9,101.88	9,101.88	.....	.....	.....	.....
1918-19.....	11,946.22	11,946.22	.....	.....	.....	.....
New York:						
1915-16.....	23,442.72	23,442.72	.....	.....	.....	.....
1916-17.....	42,978.32	23,600.00	.....	\$19,378.32	.....	.....
1917-18.....	62,513.92	62,513.92	.....	.....	.....	.....
1918-19.....	82,049.52	81,149.52	.....	900.00	.....	.....
North Carolina:						
1915-16.....	22,952.65	11,476.65	.....	.....	.....	\$11,476.00
1916-17.....	42,079.86	42,079.86	.....	.....	.....	.....
1917-18.....	61,207.07	61,207.07	.....	.....	.....	.....
1918-19.....	80,334.28	49,731.00	.....	30,603.28	.....	.....
North Dakota:						
1915-16.....	6,247.19	6,236.00	11.19	.....	.....	.....
1916-17.....	11,453.18	11,453.18	.....	.....	.....	.....
1917-18.....	16,659.17	16,659.17	.....	.....	.....	.....
1918-19.....	21,865.16	21,865.16	.....	.....	.....	.....
Ohio:						
1915-16.....	25,556.54	25,556.54	.....	.....	.....	.....
1916-17.....	46,853.66	46,853.66	.....	.....	.....	.....
1917-18.....	68,150.78	68,150.78	.....	.....	.....	.....
1918-19.....	89,447.90	89,447.90	.....	.....	.....	.....
Oklahoma:						
1915-16.....	16,255.69	16,255.69	.....	.....	.....	.....
1916-17.....	29,802.10	29,802.10	.....	.....	.....	.....
1917-18.....	43,348.51	43,348.51	.....	.....	.....	.....
1918-19.....	56,894.92	56,894.92	.....	.....	.....	.....
Oregon:						
1915-16.....	4,446.36	4,446.36	.....	.....	.....	.....
1916-17.....	8,151.66	8,151.66	.....	.....	.....	.....
1917-18.....	11,856.96	11,856.96	.....	.....	.....	.....
1918-19.....	15,562.26	15,562.26	.....	.....	.....	.....
Pennsylvania:						
1915-16.....	36,893.75	.....	20,000.00	16,893.75	.....	.....
1916-17.....	67,638.54	37,638.54	30,000.00	.....	.....	.....
1917-18.....	98,383.33	48,383.33	50,000.00	.....	.....	.....
1918-19.....	129,128.12	74,128.12	55,000.00	.....	.....	.....
Rhode Island:						
1915-16.....	218.31	.....	.....	218.31	.....	.....
1916-17.....	400.24	.....	.....	400.24	.....	.....
1917-18.....	582.17	.....	.....	582.17	.....	.....
1918-19.....	764.10	.....	.....	764.10	.....	.....
South Carolina:						
1915-16.....	15,691.15	15,691.15	.....	.....	.....	.....
1916-17.....	28,767.11	28,767.11	.....	.....	.....	.....
1917-18.....	41,843.07	41,843.07	.....	.....	.....	.....
1918-19.....	54,919.03	54,919.03	.....	.....	.....	.....
South Dakota:						
1915-16.....	6,166.89	6,166.89	.....	.....	.....	.....
1916-17.....	11,305.96	11,305.96	.....	.....	.....	.....
1917-18.....	16,445.03	16,445.03	.....	.....	.....	.....
1918-19.....	21,584.10	21,584.10	.....	.....	.....	.....
Tennessee:						
1915-16.....	21,201.01	21,201.01	.....	.....	.....	.....
1916-17.....	38,868.52	38,868.52	.....	.....	.....	.....
1917-18.....	56,536.03	38,000.00	15,837.18	.....	\$2,268.85	430.00
1918-19.....	74,203.54	.....	36,203.54	38,000.00	.....	.....
Texas:						
1915-16.....	35,969.67	35,969.67	.....	.....	.....	.....
1916-17.....	65,944.39	65,944.39	.....	.....	.....	.....
1917-18.....	95,919.11	95,919.11	.....	.....	.....	.....
1918-19.....	125,893.83	125,893.83	.....	.....	.....	.....
Utah:						
1915-16.....	2,436.74	2,436.74	.....	.....	.....	.....
1916-17.....	4,467.35	4,467.35	.....	.....	.....	.....
1917-18.....	6,497.96	6,497.96	.....	.....	.....	.....
1918-19.....	8,528.57	8,528.57	.....	.....	.....	.....
Vermont:						
1915-16.....	2,273.77	2,273.77	.....	.....	.....	.....
1916-17.....	4,168.57	4,168.57	.....	.....	.....	.....
1917-18.....	6,063.37	6,063.37	.....	.....	.....	.....
1918-19.....	7,958.17	7,958.17	.....	.....	.....	.....

TABLE II.—*Sources of offset to Federal Smith-Lever funds, 1915-16, 1916-17, 1917-18, and 1918-19—Continued.*

State.	Total.	State.	County.	College.	Local.	Miscellaneous.
Virginia:						
1915-16.....	\$19,271.96	\$17,109.16	\$2,162.80			
1916-17.....	35,331.93	33,831.93	1,500.00			
1917-18.....	51,391.90	48,564.40	2,827.50			
1918-19.....	67,451.87	67,451.87				
Washington:						
1915-16.....	6,522.46	6,522.46				
1916-17.....	11,957.84	11,957.84				
1917-18.....	17,393.22	17,393.22				
1918-19.....	22,828.60	5,751.67		\$17,076.93		
West Virginia:						
1915-16.....	12,071.73	12,071.73				
1916-17.....	22,131.50	18,131.50	4,000.00			
1917-18.....	32,191.27	24,621.27	7,570.00			
1918-19.....	42,251.04	33,141.04	9,110.00			
Wisconsin:						
1915-16.....	16,164.99	16,164.99				
1916-17.....	29,635.81	29,635.81				
1917-18.....	43,106.63	43,106.63				
1918-19.....	56,577.45	56,577.45				
Wyoming:						
1915-16.....	1,249.20	1,249.20				
1916-17.....	2,290.20	2,290.20				
1917-18.....	3,331.20	3,331.20				
1918-19.....	4,372.20	4,372.20				
Total:						
1915-16.....	600,000.00	459,046.00	68,004.71	38,099.27	\$22,374.02	\$12,476.00
1916-17.....	1,100,000.00	904,090.72	83,614.35	63,910.90	48,384.03	
1917-18.....	1,600,000.00	1,241,266.67	202,846.91	83,101.71	72,354.71	430.00
1918-19.....	2,100,000.00	1,613,628.58	235,795.02	166,588.71	83,987.69	

In addition to the money directly appropriated to offset Federal Smith-Lever funds and available under the provisions of the Smith-Lever Act, considerable sums of money have been contributed from various sources within the States.

In 1914-15 the total expenditures for cooperative agricultural extension work amounted to over \$3,600,000. Of this \$905,000 was derived from the farmer's cooperative demonstration funds of the United States Department of Agriculture, \$105,000 from other bureaus and offices of the department, \$475,000 from the Federal Smith-Lever funds, \$712,000 from State funds, \$815,000 from county funds, \$345,000 from college funds, and \$245,000 from other miscellaneous sources.

In 1915-16 the amount increased to \$4,900,000. Of this \$914,000 was derived from the farmers' cooperative demonstration funds of the United States Department of Agriculture, \$157,000 from other bureaus and offices of the department, \$1,080,000 from the Federal Smith-Lever funds, \$600,000 from State Smith-Lever funds, \$696,000 from other State funds, \$939,000 from county funds, \$210,000 from college funds, and \$274,000 from other miscellaneous sources.

The total amount in 1916-17 was \$6,100,000 derived from the following sources: \$943,000 from the farmers' cooperative demonstration funds, \$120,000 from other bureaus and offices of the department, \$1,580,000 from Federal Smith-Lever funds, \$1,100,000 from

State Smith-Lever funds. Approximately \$600,000 was appropriated by the State legislatures in addition to the money put up as an offset, \$1,250,000 from county funds, \$140,000 from college funds, and \$370,000 from other miscellaneous sources.

The \$7,600,000 allotted for extension work in 1917-18 was derived from the following sources: From direct appropriation for farmers' cooperative demonstration work, \$1,040,000; for demonstration by other bureaus and offices of the department, \$185,000; from Federal Smith-Lever funds, \$2,080,000; from State Smith-Lever funds, \$1,600,000; and in addition to the funds for the State Smith-Lever offset, the States allotted \$530,000, the counties \$1,545,000, the colleges \$200,000, and from other miscellaneous sources \$445,000 was allotted. The total amount for 1918-19 is \$10,087,240, derived from the following sources: \$1,006,114 from the farmers' cooperative demonstration funds, \$418,539 from the bureaus and offices of the department; \$2,580,000 from Federal Smith-Lever funds, \$2,100,000 from State Smith-Lever funds. Approximately \$746,073 has been appropriated by the State legislatures in addition to the money put up as an offset, \$2,247,219 from county funds, \$221,349 from college funds, and \$767,946 from miscellaneous sources.

Table III indicates the total amount available in each State and for the United States as a whole, for the five years, and the sources of funds.

TABLE III.—*Sources of funds for cooperative agricultural extension work, 1914-15, 1915-16, 1916-17, 1917-18, and 1918-19.*

State.	United States Department of Agriculture.		Smith-Lever.		State.	County.	College.	Other.	Total.
	Farmers' cooperative demonstration work.	Other bureaus.	Federal.	State.					
Alabama:									
1914-15.....	\$47,522	\$4,114	\$10,000	.....	\$28,592	\$19,375	\$825	\$2,659	\$113,087
1915-16.....	46,000	4,620	31,493	\$21,493	25,000	10,000	.....	1,000	139,606
1916-17.....	43,500	.....	49,402	39,402	.....	30,000	.....	.....	162,303
1917-18.....	43,500	9,780	67,312	57,312	2,090	25,000	600	.....	205,594
1918-19.....	43,500	15,140	85,221	75,221	2,000	30,000	600	.....	251,682
Arizona:									
1914-15.....	1,858	.....	10,000	.....	4,444	57	.....	920	17,279
1915-16.....	4,436	938	11,715	1,715	3,285	4,500	968	375	27,931
1916-17.....	5,200	2,250	13,145	3,145	2,150	8,800	700	750	36,140
1917-18.....	7,660	.....	14,575	4,575	1,000	5,000	.....	1,600	34,410
1918-19.....	7,700	.....	16,004	6,004	1,000	2,600	150	800	34,258
Arkansas:									
1914-15.....	41,575	2,620	10,000	.....	6,237	43,213	4,667	3,038	111,348
1915-16.....	40,000	7,220	26,678	16,678	3,318	54,152	.....	7,137	155,183
1916-17.....	38,000	.....	40,577	30,577	.....	76,236	.....	7,625	193,015
1917-18.....	38,000	6,670	54,477	44,477	.....	68,236	.....	3,547	215,407
1918-19.....	38,000	25,620	68,374	58,374	.....	116,499	1,200	2,316	310,383
California:									
1914-15.....	6,193	.....	10,000	.....	.....	22,000	27,529	2,601	68,323
1915-16.....	8,627	1,500	21,037	11,037	.....	26,000	14,320	.....	82,521
1916-17.....	10,620	1,500	20,235	20,235	14,320	28,000	.....	.....	104,911
1917-18.....	15,122	1,500	29,433	29,433	.....	28,000	14,320	.....	127,808
1918-19.....	10,704	.....	28,631	38,631	12,132	.....	.....	.....	110,098

TABLE III.—*Sources of funds for cooperative agricultural extension work, 1914-15, 1915-16, 1916-17, 1917-18, and 1918-19—Continued.*

State.	United States Department of Agriculture.		Smith-Lever.		State.	County.	College.	Other.	Total.
	Farmers' coopera- tive demon- stration work.	Other bureaus.	Federa .	State.					
Colorado:									
1914-15.....	\$9,884	.....	\$10,000	.....	\$1,441	\$8,364	.....	.....	\$29,688
1915-16.....	9,450	.....	14,792	\$4,792	.....	15,700	\$4,920	\$4,250	53,905
1916-17.....	12,240	.....	18,786	8,786	.....	22,350	1,100	4,400	67,663
1917-18.....	15,140	\$4,340	22,780	12,780	10,000	37,500	.....	1,500	104,040
1918-19.....	13,540	2,300	26,774	16,774	10,000	71,500	.....	.....	140,888
Connecticut:									
1914-15.....	6,101	550	9,985	.....	3,591	.....	.....	5,000	25,226
1915-16.....	5,357	1,300	11,398	1,398	12,456	6,000	.....	6,900	44,809
1916-17.....	8,720	1,400	12,562	2,562	14,004	8,000	.....	9,950	57,197
1917-18.....	12,171	4,400	13,726	3,726	23,669	30,500	.....	19,230	107,422
1918-19.....	9,756	9,100	14,890	4,890	38,140	20,200	3,030	22,172	122,178
Delaware:									
1914-15.....	2,205	260	10,000	.....	5,000	.....	.....	1,131	18,595
1915-16.....	1,200	1,150	11,279	1,279	.....	.....	.....	750	15,659
1916-17.....	900	1,850	12,346	2,346	.....	.....	.....	.....	17,441
1917-18.....	2,500	.....	13,412	3,412	.....	.....	.....	.....	19,324
1918-19.....	2,000	.....	14,478	4,478	.....	.....	.....	.....	20,956
Florida:									
1914-15.....	26,348	145	9,925	.....	5,000	16,107	10,695	5,765	73,984
1915-16.....	25,000	.....	16,491	6,491	5,000	23,747	8,790	200	85,719
1916-17.....	23,000	.....	21,893	11,893	5,000	32,978	9,700	.....	104,463
1917-18.....	23,000	.....	27,299	17,299	10,250	32,978	.....	.....	110,826
1918-19.....	23,000	7,520	32,704	22,704	5,000	72,264	5,250	.....	168,442
Georgia:									
1914-15.....	49,504	9,451	9,927	.....	15,675	28,314	.....	12,000	124,871
1915-16.....	50,000	12,110	35,174	25,174	.....	52,400	.....	.....	174,858
1916-17.....	47,000	11,580	56,152	46,152	.....	85,770	5,000	.....	251,652
1917-18.....	47,000	11,920	77,129	67,129	.....	88,550	.....	.....	291,728
1918-19.....	47,000	25,200	98,107	88,107	.....	133,862	.....	.....	392,276
Idaho:									
1914-15.....	4,800	1,525	10,000	.....	6,005	1,616	.....	500	24,446
1915-16.....	4,800	1,200	13,109	3,109	10,800	7,550	.....	850	41,417
1916-17.....	6,900	.....	15,700	5,700	15,000	10,000	.....	1,350	54,649
1917-18.....	9,000	.....	18,290	8,290	27,523	22,800	.....	.....	85,903
1918-19.....	9,201	1,200	20,881	10,881	88,750	77,870	.....	1,020	209,803
Illinois:									
1914-15.....	16,727	240	10,000	.....	14,600	50,000	200	.....	91,766
1915-16.....	17,002	.....	36,282	26,282	30,000	16,050	.....	23,000	148,616
1916-17.....	18,520	.....	58,184	48,184	.....	21,800	18,500	26,400	191,588
1917-18.....	.....	.....	80,086	70,086	.....	.....	4,200	51,414	205,786
1918-19.....	.....	.....	101,988	91,988	.....	.....	4,800	152,100	350,876
Indiana:									
1914-15.....	13,065	1,614	10,000	.....	64,145	44,935	.....	4,498	138,259
1915-16.....	15,261	3,650	28,931	18,931	46,704	65,500	.....	4,000	182,977
1916-17.....	15,854	3,100	44,707	34,707	27,375	70,993	.....	3,500	200,235
1917-18.....	18,597	3,000	60,483	50,483	11,157	85,500	.....	4,126	233,256
1918-19.....	18,810	7,120	76,259	66,259	9,385	124,500	.....	8,816	311,149
Iowa:									
1914-15.....	17,217	6,070	10,000	.....	88,705	4,000	.....	66,150	192,141
1915-16.....	15,800	4,200	28,781	18,781	83,463	4,160	.....	74,700	229,888
1916-17.....	18,440	3,000	44,432	34,432	71,568	4,700	.....	196,555	283,127
1917-18.....	22,950	4,344	60,083	50,083	17,204	4,000	.....	114,410	303,474
1918-19.....	20,670	19,100	75,734	65,734	20,950	58,800	.....	247,001	508,088
Kansas:									
1914-15.....	14,047	.....	10,000	.....	.....	.....	50,700	17,882	92,630
1915-16.....	13,089	.....	21,555	14,555	.....	3,600	40,012	14,867	110,680
1916-17.....	16,660	.....	36,685	26,685	.....	16,200	40,150	20,600	156,980
1917-18.....	22,073	4,600	48,815	38,815	.....	22,500	30,000	6,877	173,783
1918-19.....	18,201	4,600	60,944	50,944	.....	15,900	32,500	3,750	180,839
Kentucky:									
1914-15.....	36,861	3,016	9,875	.....	.....	31,928	5,854	.....	87,533
1915-16.....	41,000	3,300	31,088	21,088	1,080	12,727	7,605	.....	117,888
1916-17.....	40,000	4,300	48,662	38,662	.....	33,000	.....	7,000	171,623
1917-18.....	40,000	4,300	66,235	56,235	.....	30,000	.....	15,000	211,770
1918-19.....	40,000	1,800	83,809	73,809	.....	62,000	.....	13,000	274,418
Louisiana:									
1914-15.....	43,945	1,955	8,623	.....	.....	22,588	6,847	.....	83,958
1915-16.....	42,000	20,125	24,102	14,102	.....	23,358	2,469	.....	126,157
1916-17.....	40,000	2,000	35,854	25,854	.....	36,646	400	860	141,613
1917-18.....	40,000	3,600	47,606	37,606	.....	31,560	.....	.....	160,372
1918-19.....	40,000	13,320	59,357	49,357	.....	31,002	300	.....	196,336

TABLE III.—*Sources of funds for cooperative agricultural extension work, 1914-15, 1915-16, 1916-17, 1917-18, and 1918-19—Continued.*

State.	United States Department of Agriculture.		Smith-Lever.		State.	County.	College.	Other.	Total.
	Farmers' coopera- tive demon- stration work.	Other bureaus.	Federal.	State.					
<b>Maine:</b>									
1914-15.....	\$1,360	\$460	\$10,000	.....	.....	.....	.....	.....	\$11,820
1915-16.....	1,100	.....	14,389	\$4,389	\$2,000	.....	\$3,600	\$600	26,078
1916-17.....	5,500	.....	18,045	8,045	2,000	.....	2,900	600	37,090
1917-18.....	8,085	.....	21,702	11,702	.....	.....	3,900	600	45,989
1918-19.....	8,272	1,000	25,359	15,359	.....	.....	3,700	600	54,290
<b>Maryland:</b>									
1914-15.....	14,977	2,851	9,750	.....	3,000	\$4,566	5,700	.....	40,843
1915-16.....	21,000	1,320	17,747	7,747	20	8,050	3,043	.....	58,927
1916-17.....	19,000	.....	24,202	14,202	18,120	.....	2,675	1,320	79,520
1917-18.....	19,000	1,380	30,658	20,658	30,680	5,838	.....	1,484	109,698
1918-19.....	19,000	6,380	37,114	27,114	51,241	8,093	1,540	.....	150,482
<b>Massachusetts:</b>									
1914-15.....	11,572	.....	10,000	.....	.....	45,000	52,611	.....	119,183
1915-16.....	13,354	.....	12,931	2,931	.....	30,000	35,175	15,000	109,390
1916-17.....	14,736	1,500	15,373	5,373	11,997	30,000	.....	22,000	100,979
1917-18.....	20,356	3,000	17,815	7,815	35,302	56,346	.....	51,100	191,734
1918-19.....	19,053	17,580	20,258	10,258	36,805	71,550	.....	100,505	276,009
<b>Michigan:</b>									
1914-15.....	17,377	800	10,000	.....	.....	19,540	16,846	.....	64,562
1915-16.....	15,082	.....	28,032	18,032	3,424	18,000	.....	3,340	85,910
1916-17.....	23,202	240	43,059	33,059	.....	25,002	16,400	.....	140,962
1917-18.....	25,001	3,700	58,086	48,086	.....	41,664	5,400	.....	181,937
1918-19.....	23,300	5,400	73,113	63,113	.....	29,700	4,200	.....	198,826
<b>Minnesota:</b>									
1914-15.....	16,218	5,432	10,000	.....	21,270	18,286	66,989	32,588	170,783
1915-16.....	13,961	1,900	24,899	14,899	39,812	22,000	1,450	8,800	127,721
1916-17.....	15,450	1,900	37,315	27,315	19,970	15,000	5,260	9,100	131,310
1917-18.....	19,411	3,700	49,731	39,731	.....	14,500	6,799	10,200	144,072
1918-19.....	19,845	.....	62,146	52,146	29,182	52,000	2,290	68,432	286,041
<b>Mississippi:</b>									
1914-15.....	48,118	3,076	10,000	.....	800	29,811	1,988	.....	93,791
1915-16.....	45,000	8,440	29,329	19,329	3,807	17,982	3,000	873	127,760
1916-17.....	42,500	.....	45,437	35,437	.....	26,134	.....	6,075	155,583
1917-18.....	42,500	8,860	61,545	51,545	.....	52,570	.....	15,735	232,755
1918-19.....	42,500	30,460	77,653	67,653	.....	49,100	.....	2,900	270,266
<b>Missouri:</b>									
1914-15.....	11,034	.....	10,000	.....	32,016	17,410	652	.....	71,111
1915-16.....	11,600	.....	33,034	23,034	17,600	20,800	8,650	.....	114,718
1916-17.....	11,500	.....	52,229	42,229	15,350	31,220	.....	2,630	155,158
1917-18.....	11,200	.....	71,425	61,425	.....	.....	6,410	1,550	152,010
1918-19.....	13,820	6,860	90,620	80,620	.....	8,540	.....	2,770	203,230
<b>Montana:</b>									
1914-15.....	6,456	1,334	10,000	.....	4,191	2,308	5,384	.....	29,673
1915-16.....	7,800	1,500	12,950	2,950	18,382	9,600	.....	3,050	56,232
1916-17.....	9,460	1,500	15,408	5,408	19,446	10,800	.....	600	62,622
1917-18.....	13,500	3,150	17,867	7,867	31,325	18,000	.....	.....	91,709
1918-19.....	12,380	.....	20,325	10,325	62,000	13,200	.....	.....	118,230
<b>Nebraska:</b>									
1914-15.....	15,538	2,795	10,000	.....	25,000	6,200	.....	20,000	79,533
1915-16.....	13,640	3,000	20,716	10,716	14,534	1,200	4,600	47,450	115,856
1916-17.....	15,000	3,000	29,646	19,646	5,354	11,900	10,600	53,350	148,495
1917-18.....	17,908	4,000	38,576	28,576	4,424	22,933	15,950	64,000	196,367
1918-19.....	15,320	12,651	47,506	37,506	4,650	21,200	18,720	47,600	205,153
<b>Nevada:</b>									
1914-15.....	.....	1,184	7,493	.....	.....	.....	.....	.....	8,677
1915-16.....	200	1,500	10,833	833	3,968	1	.....	.....	17,334
1916-17.....	2,500	1,500	11,527	1,527	3,960	100	.....	.....	21,514
1917-18.....	4,470	1,500	12,221	2,221	6,300	.....	6,229	.....	32,941
1918-19.....	3,941	1,500	12,915	2,915	7,212	180	5,535	.....	34,198
<b>New Hampshire:</b>									
1914-15.....	5,074	90	10,000	.....	300	3,500	2,000	12,013	32,976
1915-16.....	6,098	500	12,133	2,133	.....	6,000	3,000	3,645	33,509
1916-17.....	8,700	.....	13,911	3,911	.....	16,200	1,000	8,500	52,222
1917-18.....	11,900	1,200	15,689	5,689	.....	28,000	800	20,070	83,348
1918-19.....	11,600	1,200	17,467	7,467	.....	19,200	.....	29,490	86,424
<b>New Jersey:</b>									
1914-15.....	4,959	200	9,987	.....	13,951	.....	.....	1,000	50,096
1915-16.....	6,775	.....	17,659	7,659	8,266	15,350	.....	1,000	56,709
1916-17.....	9,251	.....	24,042	14,042	10,958	18,200	.....	600	77,092
1917-18.....	13,071	.....	30,426	20,426	7,575	20,900	.....	600	92,998
1918-19.....	11,176	2,664	36,807	26,807	9,193	16,600	.....	600	103,847

TABLE III.—*Sources of funds for cooperative agricultural extension work, 1914-15, 1915-16, 1916-17, 1917-18, and 1918-19—Continued.*

State.	United States Department of Agriculture.		Smith-Lever.		State.	County.	College.	Other.	Total.
	Farmers' coopera- tive demon- stration work.	Other bureaus.	Federal.	State.					
New Mexico:									
1914-15.....	\$6,833	\$479	\$10,000	.....	.....	\$540	.....	\$604	\$18,456
1915-16.....	7,817	1,500	13,413	\$3,413	.....	11,166	.....	120	37,229
1916-17.....	10,060	1,400	16,258	6,258	.....	12,700	\$540	1,800	49,015
1917-18.....	13,800	1,500	19,102	9,102	\$293	17,800	800	500	62,902
1918-19.....	12,884	6,204	21,946	11,946	35,883	38,433	.....	240	127,536
New York:									
1914-15.....	26,587	.....	10,000	.....	57,200	82,818	7,000	.....	183,604
1915-16.....	20,041	.....	33,443	23,443	69,241	69,207	6,416	35	221,825
1916-17.....	24,377	.....	52,978	42,978	69,036	102,883	5,141	35	297,428
1917-18.....	31,527	1,500	72,514	62,514	56,997	147,670	1,500	.....	374,222
1918-19.....	29,975	2,800	92,050	82,050	91,251	202,820	51,395	.....	552,341
North Carolina:									
1914-15.....	40,800	11,283	10,000	.....	31,900	38,000	1,525	.....	133,508
1915-16.....	41,000	15,860	32,953	22,953	16,424	62,715	.....	.....	191,905
1916-17.....	40,000	15,860	52,080	42,080	.....	75,000	.....	.....	225,019
1917-18.....	43,120	13,408	71,207	61,207	17,800	95,000	.....	.....	301,742
1918-19.....	40,000	33,000	90,334	80,334	6,000	110,000	.....	.....	359,668
North Dakota:									
1914-15.....	9,449	726	10,000	.....	13,270	31,606	.....	.....	65,050
1915-16.....	7,101	1,100	16,247	6,247	20,983	28,746	.....	.....	80,424
1916-17.....	10,410	.....	21,453	11,453	21,969	30,530	.....	.....	95,815
1917-18.....	11,150	1,200	26,659	16,659	20,000	30,160	.....	.....	105,828
1918-19.....	11,750	3,900	31,865	21,865	19,612	64,600	.....	120	153,712
Ohio:									
1914-15.....	2,182	700	9,931	.....	38,085	.....	.....	.....	50,898
1915-16.....	7,369	1,400	35,557	25,557	74,516	1,700	.....	.....	146,098
1916-17.....	13,900	1,500	56,854	46,854	75,891	.....	.....	.....	194,998
1917-18.....	17,110	3,300	78,151	68,151	52,019	22,300	.....	.....	241,031
1918-19.....	16,010	4,640	99,448	89,448	50,327	59,133	.....	.....	319,006
Oklahoma:									
1914-15.....	41,003	234	9,462	.....	.....	9,935	18,115	22,988	101,736
1915-16.....	41,000	4,920	26,256	16,256	.....	20,000	15,000	20,050	143,482
1916-17.....	39,000	5,920	39,802	29,802	.....	31,750	8,000	16,300	170,574
1917-18.....	39,000	6,840	53,349	43,349	.....	61,560	.....	3,850	207,948
1918-19.....	38,880	12,140	66,895	56,895	.....	39,926	.....	4,612	219,348
Oregon:									
1914-15.....	7,787	2,774	10,000	.....	56,087	15,827	.....	266	92,741
1915-16.....	8,975	5,400	14,446	4,446	53,236	18,300	.....	.....	104,804
1916-17.....	9,202	6,000	18,152	8,152	56,124	24,651	.....	.....	122,280
1917-18.....	12,058	6,180	21,857	11,857	48,033	25,822	.....	.....	125,807
1918-19.....	11,527	10,980	25,562	15,562	64,288	42,650	.....	8,100	178,670
Pennsylvania:									
1914-15.....	18,442	800	10,000	.....	10,128	.....	5,268	3,008	47,639
1915-16.....	12,981	2,500	46,894	36,894	.....	.....	14,984	.....	114,253
1916-17.....	.....	13,000	77,639	67,639	.....	.....	.....	.....	158,280
1917-18.....	11,701	2,620	108,383	98,383	.....	.....	6,401	.....	227,488
1918-19.....	11,700	.....	139,128	129,128	300	.....	.....	.....	280,256
Rhode Island:									
1914-15.....	2,243	210	10,000	.....	.....	858	.....	.....	13,310
1915-16.....	3,700	500	10,218	218	3,175	.....	1,380	5,225	24,416
1916-17.....	3,950	.....	10,400	400	3,300	2,550	1,200	4,045	25,845
1917-18.....	5,401	1,000	10,582	582	3,750	3,500	1,018	2,345	28,178
1918-19.....	5,605	1,000	10,764	764	3,750	4,000	236	2,345	28,464
South Carolina:									
1914-15.....	43,635	12,254	10,000	.....	.....	17,401	20,290	6,001	109,581
1915-16.....	40,800	14,440	25,691	15,691	.....	21,442	20,050	.....	134,114
1916-17.....	40,400	13,720	38,767	28,767	2,613	40,492	7,958	21,650	194,367
1917-18.....	40,400	19,270	51,843	41,843	.....	46,858	7,245	7,755	215,224
1918-19.....	40,400	31,620	64,919	54,919	.....	105,194	7,500	.....	304,552
South Dakota:									
1914-15.....	5,069	.....	10,000	.....	20,000	2,098	610	5,081	42,857
1915-16.....	6,153	1,350	16,167	6,167	18,833	13,610	.....	.....	62,279
1916-17.....	10,100	1,350	21,306	11,306	18,917	19,260	.....	.....	82,239
1917-18.....	11,660	1,350	26,445	16,445	13,555	21,562	.....	.....	91,017
1918-19.....	13,580	9,050	31,584	21,584	18,240	70,136	.....	.....	164,174
Tennessee:									
1914-15.....	31,201	6,150	10,000	.....	1,716	28,882	6,895	1,754	86,597
1915-16.....	39,000	9,688	31,202	21,202	.....	33,674	.....	.....	133,765
1916-17.....	37,000	11,440	48,869	38,869	.....	17,883	.....	3,891	157,951
1917-18.....	37,000	12,490	66,536	56,536	.....	6,935	.....	4,351	183,848
1918-19.....	37,000	17,670	84,204	74,204	600	24,881	1,200	.....	239,759

TABLE III.—*Sources of funds for cooperative agricultural extension work, 1914-15, 1915-16, 1916-17, 1917-18, and 1918-19—Continued.*

State.	United States Department of Agriculture.		Smith-Lever.		State.	County.	College.	Other.	Total.
	Farmers' coopera- tive demon- stration work.	Other bureaus.	Federal.	State.					
Texas:									
1914-15.....	\$72,403	\$6,447	\$9,979	.....	\$17,474	\$76,097	\$13,581	.....	\$195,981
1915-16.....	71,500	4,800	45,970	\$35,970	.....	76,097	.....	.....	234,337
1916-17.....	67,000	.....	75,944	65,944	.....	88,620	.....	\$5,567	303,075
1917-18.....	68,784	5,016	105,919	95,919	.....	102,292	.....	16,065	393,995
1918-19.....	67,000	14,640	135,894	125,894	1	118,916	.....	13,320	475,665
Utah:									
1914-15.....	9,678	1,890	10,000	.....	25,284	2,989	.....	1,718	51,558
1915-16.....	8,657	1,400	12,437	2,437	23,876	.....	.....	464	49,270
1916-17.....	10,330	1,400	14,467	4,467	15,388	3,355	.....	1,000	50,407
1917-18.....	15,013	6,600	16,498	6,498	10,555	12,660	15,460	1,200	84,484
1918-19.....	14,090	5,990	18,529	8,529	9,475	11,000	15,465	1,000	84,078
Vermont:									
1914-15.....	10,088	3,387	10,000	.....	7,571	10,800	.....	.....	41,845
1915-16.....	13,260	4,260	12,274	2,274	8,576	12,000	.....	3,100	55,743
1916-17.....	13,501	.....	14,169	4,169	3,831	15,400	.....	.....	51,069
1917-18.....	15,260	.....	16,063	6,063	1,937	14,400	.....	3,600	57,324
1918-19.....	15,009	.....	17,958	7,958	42	14,400	950	6,100	62,417
Virginia:									
1914-15.....	38,420	3,781	9,997	.....	26,631	25,471	.....	4,268	108,598
1915-16.....	39,000	2,800	29,272	19,272	2,891	28,550	.....	8,511	130,295
1916-17.....	37,000	2,700	45,332	35,332	4,500	30,242	.....	5,770	160,876
1917-18.....	37,000	2,780	61,392	51,392	2,436	38,758	.....	8,757	202,515
1918-19.....	37,000	10,180	77,452	67,452	900	65,585	8,740	8,473	275,782
Washington:									
1914-15.....	8,902	1,603	10,000	.....	3,009	19,034	13,984	1,587	58,119
1915-16.....	8,434	2,270	16,522	6,522	.....	20,600	10,250	.....	84,599
1916-17.....	11,940	2,640	21,958	11,958	.....	23,570	5,300	2,150	79,515
1917-18.....	17,458	2,640	27,393	17,393	.....	50,968	13,333	1,250	130,435
1918-19.....	14,580	25,520	32,829	22,829	.....	78,765	600	12,468	187,591
West Virginia:									
1914-15.....	23,284	1,155	10,000	.....	34,402	411	.....	11,633	80,886
1915-16.....	25,000	1,260	22,071	12,071	22,929	25,668	.....	12,860	121,859
1916-17.....	23,015	1,359	32,132	22,132	23,942	27,548	.....	15,574	145,701
1917-18.....	23,000	2,570	42,191	32,191	15,379	31,836	.....	8,336	155,503
1918-19.....	23,000	7,990	52,251	42,251	21,859	30,060	.....	5,606	183,017
Wisconsin:									
1914-15.....	11,422	388	10,000	.....	19,766	10,046	.....	.....	51,621
1915-16.....	11,010	1,200	26,164	16,164	31,902	16,320	.....	1,200	103,960
1916-17.....	11,100	1,200	39,635	29,635	17,687	19,875	.....	1,000	120,131
1917-18.....	11,601	2,000	53,107	43,107	.....	26,150	58,279	.....	194,244
1918-19.....	12,406	2,000	66,578	56,578	.....	35,200	41,515	.....	214,277
Wyoming:									
1914-15.....	5,817	1,125	10,000	.....	5,000	3,800	.....	700	26,442
1915-16.....	7,060	1,500	11,249	1,249	16,901	5,445	.....	600	44,005
1916-17.....	8,450	1,500	12,290	2,290	27,335	9,550	.....	.....	61,415
1917-18.....	12,430	1,500	13,331	5,331	39,306	14,750	.....	2,255	86,903
1918-19.....	11,428	1,500	14,372	4,372	35,896	22,160	9,933	1,600	101,261
Total:									
1914-15.....	905,782	105,168	474,935	.....	711,516	815,733	346,750	247,352	3,607,208
1915-16.....	914,290	157,621	1,080,005	600,005	696,405	939,668	209,682	273,951	4,871,620
1916-17.....	943,088	121,609	1,580,000	1,100,000	597,105	1,246,288	142,524	372,540	6,103,140
1917-18.....	1,037,501	182,708	2,080,000	1,600,000	530,564	1,544,366	198,644	443,307	7,617,098
1918-19.....	1,006,114	418,539	2,580,000	2,100,000	746,073	2,247,219	221,349	767,946	10,087,240

The data given in Table III are summarized and classified according to original sources of funds in the following table:

TABLE IV.—*Funds available for cooperative agricultural extension work, classified by original sources.*

Source of funds.	1914-15	1915-16	1916-17	1917-18	1918-19
Federal Government:					
Farmers' cooperative demonstration work...	\$905,782	\$914,290	\$943,088	\$1,037,501	\$1,006,114
Other bureaus.....	105,168	157,621	121,609	182,708	418,539
Federal Smith-Lever.....	474,935	1,080,005	1,580,000	2,080,000	2,580,000
Total.....	1,485,885	2,151,916	2,644,697	3,300,209	4,004,653
Within the State:					
State—					
Offset.....		459,046	904,090	1,241,263	1,613,628
Other State.....	711,516	696,405	597,105	530,564	745,073
Total.....	711,516	1,155,451	1,501,195	1,771,830	2,359,701
County—					
Offset.....		68,004	83,614	202,846	235,795
Other county.....	815,732	939,668	1,246,288	1,544,366	2,247,219
Total.....	815,732	1,007,672	1,329,902	1,747,212	2,483,014
College—					
Offset.....		38,099	63,910	83,101	166,588
Other college.....	346,750	209,682	142,524	198,644	221,349
Total.....	346,750	247,781	206,434	281,745	387,937
Other:					
Offset.....		31,850	48,384	72,784	83,897
Miscellaneous.....	247,352	273,951	372,546	443,307	767,946
Total.....	247,352	305,801	420,930	516,091	851,843
Total within the States.....	2,121,350	2,719,705	3,458,461	4,316,878	6,082,495
Grand total.....	3,607,235	4,871,621	6,103,158	7,617,098	10,087,240

In 1914-15 the Smith-Lever funds comprised 13 per cent of the total funds available for cooperative agricultural extension work. In 1917-18 the percentage had increased to nearly 50. In 1917-18 the funds contributed by the counties and other local organizations comprised one-fourth of the total.

If the funds contributed to the State Smith-Lever offset by the States, counties, and other authorities within the State are combined with State, county, and other funds not used as offset, they exceed one-half of the total funds for extension work. In other words, the funds contributed within the State exceed the funds contributed by the Federal Government at the present time.

#### ALLOTMENT AND EXPENDITURE OF FUNDS, BY PROJECTS.

The project now receiving the largest amount of the cooperative agricultural extension funds is the county-agent project. In 1914-15 the total amount spent on this project was approximately \$1,925,000. By 1918-19 the amount had increased so that it exceeded \$4,810,000, or an increase of over 140 per cent during the four-year period, 1914-15 to 1918-19.

The next most important line of work, as far as allotment of funds is concerned, is the work for farm women, the allotment for which

increased from \$320,000 in 1914-15 to approximately \$1,505,000 in 1918-19, an increase of nearly 375 per cent during the same period. The next in importance is the boys' and girls' club work. During the four-year period this has increased from \$170,000 to \$475,000. In the Southern States the girls' clubs are included with the home-economics project, and the boys' club work does not include the pig and poultry clubs. The amount used in this work exceeded \$54,000. In the Northern and Western States the girls' clubs are included under the boys' and girls' clubs project. The projects, in addition to those named above, in which over \$200,000 were spent, were administration, publications, animal husbandry, agronomy, and dairying. Those in which over \$100,000 were spent were extension schools, poultry, marketing, horticulture, agricultural engineering, and farm management. There are certain items in Table V which should be carefully interpreted. For example, the work undertaken on the projects for extension schools and miscellaneous projects would seem to have decreased. The decrease is due primarily to the assignment of the specialists to individual projects rather than putting the different lines of their work together in miscellaneous projects. The decrease in the funds for extension schools is due to a similar cause—the specialists participating in extension-school work are having a larger proportion of their expenses charged to subject-matter projects than formerly.

Table V, pages 16 to 23, shows the allotment of funds from all sources to the different types of extension work by States.

#### COUNTY-AGENT WORK.

The county-agent work grew out of the farm demonstrations conducted under the direction of agents covering a large territory. In these field demonstrations the farmer undertook, with his own labor and entirely at his own expense, to grow on from 1 to 10 acres some particular crop under the agent's supervision. The selection of the crop depended entirely upon the needs of the community. A careful account was kept and a report made at the end of the season. The agents were required to arrange for as many demonstrations as they could supervise properly.

About the year 1906 counties began to contribute toward the salary of the agents of the department, and their work became more intensive and the work of each agent was confined to a single county. With this limited territory they could arouse the interest of farmers generally by greatly increasing the number of examples of demonstrations of better methods of farming. The scope of the demonstrations was enlarged to include all of the standard farm crops, gardens, pastures, and in later years the breeding, raising, and feeding of live stock.

TABLE V.—Total of funds from all sources for cooperative agricultural

State.	Total.	Administration.	Publications.	County agents.	Home economics.	Extension schools.	Boys' clubs.	Pig clubs.	Poultry clubs.	Animal husbandry.	Poultry.	Dairying.
Alabama:												
1914-15.....	\$113,087	\$1,545	\$485	\$79,302	\$16,156	\$1,700	\$6,978	\$1,863				\$3,696
1915-16.....	139,606	5,593	1,200	89,413	19,510	2,000	6,960	2,500		\$2,370		2,600
1916-17.....	162,303	6,066	1,700	102,776	28,870	2,000	5,090	1,920	\$2,030	900		1,600
1917-18.....	205,594	13,698	3,350	108,851	35,805	2,000	5,720	3,720	2,430	3,600		5,550
1918-19.....	251,682	21,876	4,840	113,985	47,435	2,000	5,366	3,920	2,530	6,720		6,420
Arizona:												
1914-15.....	17,279	5,330	324	3,320		500	1,717			2,137		
1915-16.....	27,931	6,323	1,074	9,779	1,558	525	3,345			3,100		
1916-17.....	36,140	6,370	1,000	15,500	1,100	900	3,100			3,300		
1917-18.....	34,410	6,580	1,100	15,560	920	1,175	5,825			3,100		
1918-19.....	34,258	7,660	1,200	12,684	2,900	600	4,494			3,800		
Arkansas:												
1914-15.....	111,348	3,937	1,472	78,619	11,262		2,353			903		1,637
1915-16.....	155,183	13,150	2,256	97,487	20,767			2,275		2,725		2,620
1916-17.....	193,015	15,420	1,074	113,243	44,628			600		300		
1917-18.....	215,407	20,033	4,948	120,056	47,485	1,575		2,500		5,740		
1918-19.....	310,383	26,077	6,300	153,746	79,920	2,500		8,420		10,100		6,400
California:												
1914-15.....	68,323											
1915-16.....	82,521	8,517		57,472	2,626		4,023	2,142				
1916-17.....	104,911	22,499		67,372	5,000		6,220					
1917-18.....	127,808	25,600		79,502	6,300		13,906					
1918-19.....	110,098	26,673		69,623	7,398		5,804					
Colorado:												
1914-15.....	29,688	2,835	141	18,262	3,752		3,280					
1915-16.....	53,905	5,250	500	32,600	3,250		2,500					
1916-17.....	67,663	7,389		41,900	3,334		4,860			2,710		
1917-18.....	104,040	10,250	1,500	60,260	6,535		7,660			2,775		
1918-19.....	140,888	13,890	2,000	77,390	9,530		13,550			4,485		
Connecticut:												
1914-15.....	25,226	3,292	258	8,440		803	3,133				\$1,682	2,645
1915-16.....	44,809	6,554	225	24,542		608	4,317				2,488	2,933
1916-17.....	57,197	3,900	600	34,291	2,600	400	5,760				2,311	3,200
1917-18.....	107,422	4,500	706	60,975	11,841	600	7,060	2,700			3,000	3,360
1918-19.....	122,178	8,100	6,200	39,226	21,884	600	12,828			5,850	3,400	3,850
Delaware:												
1914-15.....	18,595	2,939	405	9,286	643		655				1,052	260
1915-16.....	15,659	1,954	252	8,642	1,899		40				460	2,278
1916-17.....	17,441	2,260		8,300	2,100		509				437	2,300
1917-18.....	19,324	3,070		8,850	4,300		2,950					
1918-19.....	20,956	6,500		9,148	1,900		2,800					
Florida:												
1914-15.....	73,984	3,713	391	46,404	22,211		540					216
1915-16.....	85,719	4,281	600	44,772	32,135		3,330					600
1916-17.....	104,463	3,560	1,000	51,680	40,373		2,750			1,500		
1917-18.....	110,826	8,090	2,225	52,081	41,910		6,510					
1918-19.....	168,442	10,072	2,600	74,506	62,594		10,350			3,000		
Georgia:												
1914-15.....	124,871	2,911	843	75,839	14,222	1,357	18,700	1,983	1,151	5,059		2,801
1915-16.....	174,858	15,481	3,000	95,727	28,321	5,900	2,262	2,710	2,180	7,319		5,010
1916-17.....	251,652	19,501	5,000	138,521	53,500	3,000	2,550	2,300	2,180	7,509		4,700
1917-18.....	291,728	23,500	7,000	153,578	64,000	4,000	2,700	3,600		7,380	2,280	5,040
1918-19.....	392,276	26,920	9,000	182,347	105,679	8,700	2,800	3,110	5,000	7,810		10,550
Idaho:												
1914-15.....	24,446	4,310	575	8,948	3,044	370	3,634			1,178		1,854
1915-16.....	41,417	6,400	550	18,142	3,450	2,150	4,175			1,350		1,200
1916-17.....	54,649	6,500	1,000	26,150	4,200	2,499	5,300			1,800		
1917-18.....	85,903	10,080	1,200	44,090	5,550	2,200	7,160			3,000		
1918-19.....	209,803	18,310	2,000	100,110	19,401	4,000	39,560			3,600		5,800
Illinois:												
1914-15.....	91,766	1,385	113	83,965	2,078		683					240
1915-16.....	148,616	10,000	2,482	92,029	15,450	15,000	3,400					
1916-17.....	191,588	9,584	2,300	137,284	16,200	3,000	4,400					
1917-18.....	205,786	4,300	2,636	160,900	18,250							
1918-19.....	350,876	9,460	3,528	289,988	22,600					6,300		4,800
Indiana:												
1914-15.....	138,259	17,662	1,831	71,719	4,780	3,318	3,114	1,261		1,074	1,531	4,184
1915-16.....	182,977	6,291	1,000	110,771	4,000	10,700	15,300			4,910	3,115	7,750
1916-17.....	200,235	6,343	1,000	123,024	4,700	7,100	23,035			4,400	3,383	7,350
1917-18.....	233,256	11,298	1,000	153,757	5,050	4,400	18,801			4,900	4,590	8,020
1918-19.....	311,149	10,949	2,500	209,944	17,540	5,360	13,390			6,380	5,340	9,440

extension work for five years ending June 30, 1919, by projects.

Animal diseases.	Agronomy.	Horticulture.	Botany and plant pathology.	Entomology, apiculture, ornithology.	Forestry.	Agricultural engineering.	Farm management.	Rural organization.	Marketing.	Exhibits and fairs.	Farmers' institutes.	Correspondence courses.	Rodent pests.	Miscellaneous specialists.
.....	\$804	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	\$556
.....	2,760	.....	.....	.....	.....	\$1,600	.....	\$500	\$1,050	.....	.....	.....	.....	1,550
.....	4,100	.....	.....	.....	.....	1,750	.....	700	1,050	.....	.....	.....	.....	1,750
\$3,700	6,570	\$1,800	.....	.....	.....	2,900	.....	.....	3,400	.....	.....	.....	.....	2,500
2,550	8,040	2,250	\$3,440	\$3,700	.....	5,900	\$2,800	.....	6,700	.....	.....	.....	.....	1,110
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1,595	.....	.....	.....	.....	.....	.....	.....	.....	.....	\$2,800	.....	.....	1,149
.....	3,650	.....	.....	.....	.....	.....	.....	.....	.....	\$161	.....	.....	.....	469
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	150	.....	.....	.....	1,070
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	150	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	150	.....	.....	\$500	270
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	1,817	.....	.....	.....	.....	11,085
.....	.....	.....	.....	.....	.....	.....	.....	.....	1,845	.....	.....	.....	.....	12,084
.....	2,720	2,520	.....	.....	.....	.....	900	.....	6,930	.....	.....	.....	.....	15,903
.....	3,500	3,600	.....	.....	.....	.....	4,240	.....	5,580	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,739	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	2,500	.....	.....	.....	.....	.....	.....	3,820
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	600
.....	.....	.....	.....	.....	.....	.....	1,416	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	2,700	.....	.....	.....	.....	.....	.....	7,115
.....	.....	.....	.....	.....	.....	.....	3,660	.....	2,000	.....	.....	.....	.....	1,810
.....	1,400	.....	.....	.....	.....	2,500	3,360	.....	6,800	.....	.....	.....	.....	1,000
.....	600	.....	.....	.....	.....	.....	3,710	.....	7,350	.....	.....	.....	.....	8,383
.....	.....	785	.....	.....	.....	.....	3,196	.....	.....	.....	.....	.....	.....	977
.....	.....	.....	.....	.....	.....	.....	3,071	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	3,535	.....	.....	.....	600	.....	.....	.....
.....	3,100	.....	.....	.....	.....	.....	4,580	.....	4,400	.....	600	.....	.....	.....
.....	3,550	3,650	.....	3,000	.....	.....	4,880	.....	4,560	.....	600	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1,069	892	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,389
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	133
.....	.....	.....	.....	.....	.....	.....	.....	.....	1,400	.....	.....	.....	.....	144
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	154
.....	.....	550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
56	.....	450	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2,520	.....	.....	2,800	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	3,301	1,000	.....	.....	.....	600	.....	.....	.....	2,025	.....	.....	.....	.....
.....	2,400	2,000	.....	.....	.....	2,000	.....	.....	3,000	2,000	.....	.....	.....	1,500
.....	2,600	4,200	.....	.....	.....	2,200	.....	.....	3,750	1,500	.....	.....	.....	5,000
5,600	8,640	3,600	5,100	.....	.....	2,400	.....	.....	4,500	.....	.....	.....	500	.....
.....	.....	394	.....	.....	.....	.....	131	.....	.....	.....	.....	.....	.....	.....
.....	.....	3,700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	3,800	3,400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	4,100	4,250	.....	1,250	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,923
.....	4,620	3,720	.....	3,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,002
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	2,255	.....	.....	.....	.....	.....	.....	2,400
.....	.....	.....	.....	.....	.....	.....	3,820	.....	.....	.....	.....	.....	.....	8,000
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,000
.....	7,200	3,500	.....	.....	.....	.....	3,500	.....	.....	.....	.....	.....	.....	19,700
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	467	3,571	523	.....	.....	.....	3,449	.....	.....	2,243	16,811	.....	.....	715
.....	5,800	4,800	2,340	.....	1,200	.....	5,000	.....	.....	.....	.....	.....	.....	.....
.....	6,800	3,800	2,300	.....	.....	2,100	4,300	.....	.....	.....	.....	.....	.....	.....
.....	7,950	3,800	2,500	.....	.....	2,300	4,980	.....	.....	.....	.....	.....	.....	.....
.....	11,110	.....	.....	.....	.....	6,020	13,176	.....	.....	.....	.....	.....	.....	.....

TABLE V.—Total of funds from all sources for cooperative agricultural

State.	Total.	Administration.	Publications.	County agents.	Home economics.	Extension schools.	Boys' clubs.	Pig clubs.	Poultry clubs.	Animal husbandry.	Poultry.	Dairying.
<b>Iowa:</b>												
1914-15.....	\$192,141	\$22,717	\$7,414	\$39,685	\$19,052	\$36,295	\$8,338	.....	.....	.....	.....	\$6,070
1915-16.....	229,888	16,329	7,974	49,276	28,800	39,058	13,482	.....	.....	\$8,033	\$2,250	8,204
1916-17.....	283,127	29,075	8,000	68,300	31,930	29,872	16,825	.....	.....	7,000	3,975	31,805
1917-18.....	303,474	35,040	8,000	109,500	37,000	.....	20,370	.....	.....	11,100	3,950	33,684
1918-19.....	508,088	47,845	18,000	276,020	32,379	.....	21,970	.....	.....	12,400	5,400	35,540
<b>Kansas:</b>												
1914-15.....	92,630	5,231	.....	32,251	6,897	.....	3,370	.....	.....	.....	.....	.....
1915-16.....	110,630	8,996	.....	39,719	9,236	4,072	3,793	.....	.....	876	1,494	1,383
1916-17.....	156,980	9,740	.....	61,534	12,351	9,390	5,803	.....	.....	1,391	1,508	1,460
1917-18.....	173,733	9,170	.....	72,873	12,993	7,160	10,651	\$2,500	\$2,200	3,087	1,550	3,720
1918-19.....	186,839	14,230	1,500	60,264	18,920	11,853	11,181	2,350	2,740	4,067	2,357	4,450
<b>Kentucky:</b>												
1914-15.....	87,533	3,427	301	61,343	15,732	234	1,765	1,447	1,365	.....	.....	436
1915-16.....	117,888	13,975	1,650	65,040	19,056	98	2,700	2,523	2,077	2,920	2,290	1,680
1916-17.....	171,623	10,821	3,000	99,400	26,250	1,500	3,100	2,770	2,670	3,120	1,295	1,495
1917-18.....	211,770	14,139	2,000	117,470	43,060	2,000	3,620	2,800	2,600	3,500	2,600	.....
1918-19.....	274,418	22,658	6,000	141,240	61,120	2,900	6,800	.....	.....	3,600	5,200	3,800
<b>Louisiana:</b>												
1914-15.....	83,953	1,668	518	56,476	9,053	.....	13,385	.....	.....	.....	.....	1,033
1915-16.....	126,157	6,399	1,450	64,747	13,640	.....	11,915	.....	.....	16,875	2,125	.....
1916-17.....	141,613	6,040	1,220	89,378	22,805	.....	11,905	.....	.....	.....	2,000	.....
1917-18.....	160,372	12,607	1,450	87,645	28,930	.....	16,170	.....	.....	.....	4,920	.....
1918-19.....	196,336	16,340	.....	99,899	35,380	.....	10,920	.....	.....	3,800	6,620	3,240
<b>Maine:</b>												
1914-15.....	11,820	773	276	8,950	.....	.....	.....	.....	.....	.....	460	.....
1915-16.....	26,078	5,954	400	11,178	1,425	1,149	.....	.....	.....	.....	.....	2,630
1916-17.....	37,090	6,440	800	18,083	2,966	1,100	.....	.....	.....	.....	2,400	2,900
1917-18.....	45,939	8,479	800	23,760	3,900	800	.....	.....	.....	.....	2,600	2,900
1918-19.....	54,290	10,668	800	27,282	4,300	800	.....	.....	.....	2,300	2,660	2,500
<b>Maryland:</b>												
1914-15.....	40,843	5,868	157	16,175	4,102	1,441	159	.....	.....	.....	402	5,100
1915-16.....	58,927	5,340	1,000	24,430	11,230	467	3,030	.....	.....	720	330	2,640
1916-17.....	79,520	5,350	2,720	42,352	12,830	400	3,970	.....	.....	3,050	.....	3,145
1917-18.....	109,693	14,353	2,500	56,440	18,020	.....	3,500	.....	.....	2,900	2,500	2,800
1918-19.....	150,482	23,099	3,200	67,481	23,232	.....	7,400	.....	.....	4,800	2,700	3,080
<b>Massachusetts:</b>												
1914-15.....	119,183	19,160	500	54,255	4,636	29,861	4,673	.....	.....	1,255	.....	986
1915-16.....	109,390	11,670	1,300	58,574	4,667	700	10,431	.....	.....	2,633	3,300	1,200
1916-17.....	100,979	.....	1,600	65,949	4,838	700	11,991	.....	.....	2,600	4,250	1,910
1917-18.....	191,734	10,470	1,900	112,846	22,440	600	8,020	2,200	2,200	2,740	4,627	1,940
1918-19.....	276,009	17,100	2,600	169,335	5,760	7,200	9,683	800	800	5,290	5,760	4,920
<b>Michigan:</b>												
1914-15.....	64,562	3,421	486	40,175	1,518	1,817	3,770	.....	.....	560	.....	943
1915-16.....	85,910	4,421	.....	53,559	4,474	1,500	3,817	.....	.....	869	.....	.....
1916-17.....	140,962	3,300	1,500	78,101	7,000	6,170	7,826	.....	.....	5,340	.....	.....
1917-18.....	181,937	6,800	3,100	100,987	11,400	3,200	13,050	.....	.....	9,850	950	.....
1918-19.....	193,826	6,335	7,020	95,000	14,410	3,900	14,130	.....	.....	8,250	4,730	2,675
<b>Minnesota:</b>												
1914-15.....	170,783	22,055	17,825	64,915	4,756	15,227	5,473	.....	.....	.....	.....	10,153
1915-16.....	127,721	10,780	15,630	69,223	7,715	1,731	4,788	.....	.....	.....	.....	3,800
1916-17.....	131,310	13,840	12,610	56,750	8,390	867	9,190	.....	.....	.....	2,600	6,160
1917-18.....	144,072	17,541	4,020	62,201	11,510	867	12,580	.....	.....	.....	2,600	12,580
1918-19.....	286,041	20,050	3,700	177,385	23,650	2,827	9,770	.....	.....	2,450	4,570	14,380
<b>Mississippi:</b>												
1914-15.....	93,791	2,064	96	60,139	13,553	.....	5,274	.....	.....	2,290	.....	3,076
1915-16.....	127,760	4,216	615	66,008	25,964	500	7,387	.....	.....	5,091	.....	7,140
1916-17.....	155,583	4,841	2,056	80,926	34,288	3,500	15,719	.....	.....	2,600	.....	1,320
1917-18.....	232,755	4,200	4,275	123,670	56,200	3,500	11,400	.....	.....	5,700	.....	10,260
1918-19.....	270,266	6,568	6,000	98,763	75,750	3,200	12,820	3,480	.....	16,580	.....	11,160
<b>Missouri:</b>												
1914-15.....	71,111	1,167	556	46,401	.....	10,453	4,696	.....	.....	.....	43	2,370
1915-16.....	114,718	9,952	2,800	58,050	.....	11,846	9,150	.....	.....	.....	.....	3,400
1916-17.....	155,158	7,387	4,722	65,650	8,500	2,850	10,400	.....	.....	8,500	2,800	3,660
1917-18.....	152,010	7,420	5,839	62,225	13,460	2,500	10,520	.....	.....	5,130	2,290	6,250
1918-19.....	203,230	13,755	8,561	56,122	38,714	4,250	11,515	.....	.....	14,430	5,395	8,120
<b>Montana:</b>												
1914-15.....	29,673	4,438	327	16,712	1,804	92	1,823	.....	.....	885	.....	1,503
1915-16.....	56,232	9,632	500	29,000	5,700	.....	2,800	.....	.....	3,000	.....	3,000
1916-17.....	62,622	7,122	700	30,100	5,600	.....	3,600	.....	.....	2,700	.....	3,000
1917-18.....	91,709	13,423	1,286	50,000	5,300	.....	8,350	.....	.....	3,200	.....	3,950
1918-19.....	118,230	25,370	1,500	58,310	7,500	6,000	8,150	.....	.....	2,000	.....	1,500
<b>Nebraska:</b>												
1914-15.....	79,533	8,163	4,426	33,053	5,057	.....	3,333	1,294	.....	.....	.....	1,500
1915-16.....	115,856	10,481	3,000	29,670	4,950	27,950	16,590	3,000	.....	2,000	.....	3,550
1916-17.....	148,495	11,482	2,558	39,580	7,600	37,150	22,840	3,000	.....	2,150	.....	4,350
1917-18.....	196,367	14,180	3,431	42,853	18,171	41,800	30,937	3,500	.....	5,700	.....	6,150
1918-19.....	205,153	23,482	4,250	29,940	19,840	.....	51,900	.....	.....	7,640	5,850	7,260

extension work for five years ending June 30, 1919, by projects—Continued.

Animal diseases.	Agronomy.	Horticulture.	Botany and plant pathology.	Entomology. apiculture, ornithology.	Forestry.	Agricultural engineering.	Farm management.	Rural organization.	Marketing.	Exhibits and fairs.	Farmers' institutes.	Correspondence courses.	Rodent pests.	Miscellaneous specialists.
\$6,450	\$1,371						\$2,134			\$1,375				\$47,686
6,500	9,075	\$7,874				\$5,725	3,650	\$1,600				\$3,050		19,056
6,500	11,201	7,950				6,700	4,170					2,424		17,400
6,350	17,450	9,000		\$1,500		7,500	4,230		\$2,300					5,500
3,900	19,200	11,200				6,200	11,134		2,980					3,920
						9,526	1,484	2,575			\$21,046	6,999		3,251
	2,626	1,453		887		10,760	2,499	3,528			10,854	8,413		82
	2,834	1,728		1,410		12,090	2,831	8,602			12,170	12,137		
3,340	3,537	1,810		1,620		5,912	3,425	4,280			9,345	11,895		2,710
3,200	5,102	2,083		2,450		6,230	3,260	7,080			9,533	13,940		
	310	1,051						114						
250	1,002	2,034						594						
2,720	2,175	1,245							10,061					
2,700	1,561	2,600							11,120					
2,500	2,360	5,300					2,540		8,400					
		1,209												590
	2,033	2,750							3,022					1,200
	2,250	4,840							1,000					175
		5,200							2,400					1,000
	3,737	7,000	\$2,800	2,400					3,200					1,000
							1,360							
	1,450						1,900							
							2,400							
							2,750							
							2,980							
	1,698	4,692					1,046							
	1,600	2,424	2,300			440	1,800	700						476
	2,900	2,752												
	2,700	2,800							1,180					
	2,800	2,900	4,940		\$300	2,950			1,600					
		995					1,834			1,024				
		3,033					2,490	5,275		500		3,200		417
		3,225					3,320							544
		3,070		225			3,424	6,587	3,610	500		3,460		875
		9,611	3,080	5,525			4,120	3,530	15,495	1,600		3,800		
	2,296	4,494			1,965	1,000	2,112							
	3,494	5,241		1,699	2,300	1,534	2,997							
	2,800	6,450		1,075	400	1,500	3,100		5,100		11,300			
	4,700	10,900	1,150	1,250	2,250	2,250	3,650		6,450					
		16,800		4,450	450		3,700	2,800	5,150					9,026
							4,111	14,335						11,933
							4,648							9,401
	2,900	1,733	2,000				6,090	1,800						6,380
	1,100	1,733	2,100				13,440	1,800						
	1,306	2,253	3,190				13,450	2,000	3,200					1,860
									2,299					
		1,213				1,733	1,297	1,300	2,295					3,000
		2,000				2,200	1,833	1,800	2,500					
		4,000				3,100	1,850		4,600					
		4,900		7,100		7,800	4,465		11,680					
3,183		675				30	\$50	31		651				
7,000		3,200		2,900		420		2,350						3,650
8,300	11,350	5,050		3,500		3,150	3,000	3,400		1,350				1,587
5,800	10,270	3,110		3,370		2,700	3,060	6,110		800				1,156
2,890	4,810	11,830		4,360		3,710	5,720		4,460					4,587
							2,083							
							2,600							
							2,600				7,200			
	250						2,350		3,600					
	1,100		600				2,000		3,700				\$500	
							3,716				10,000			8,987
	1,900	2,475				1,900	8,390							
	2,750	3,925				3,150	7,960							
2,550	4,950	4,175		2,300		5,700	7,970		2,000					
2,990	10,200	8,640		2,640		9,350	11,500		5,421					4,250

TABLE V.—Total of funds from all sources for cooperative agricultural

State.	Total.	Administration.	Publications.	County agents.	Home economics.	Extension schools.	Boys' clubs.	Pig clubs.	Poultry clubs.	Animal husbandry.	Poultry.	Dairying.
Nevada:												
1914-15.....	\$8,677	\$2,865	\$60	.....	\$1,844	.....	.....	.....	.....	.....	.....	\$2,189
1915-16.....	17,334	3,350	.....	.....	1,050	.....	\$2,934	.....	.....	.....	.....	2,750
1916-17.....	21,514	2,800	1,400	\$4,000	914	.....	4,950	.....	.....	.....	.....	2,800
1917-18.....	32,941	3,600	1,000	11,256	6,315	.....	4,570	.....	.....	.....	.....	3,000
1918-19.....	34,198	5,300	625	10,506	3,775	.....	6,792	.....	.....	.....	.....	3,000
New Hampshire:												
1914-15.....	32,976	4,040	515	11,042	978	\$1,248	3,267	.....	.....	.....	.....	3,490
1915-16.....	33,509	1,673	1,533	18,794	2,150	600	.....	.....	.....	.....	.....	2,378
1916-17.....	52,222	1,111	911	27,000	5,600	200	8,500	.....	.....	.....	.....	2,000
1917-18.....	83,348	7,600	1,298	49,100	.....	600	15,000	.....	.....	.....	.....	4,300
1918-19.....	86,424	7,394	1,246	43,810	10,120	.....	16,900	.....	.....	.....	.....	3,000
New Jersey:												
1914-15.....	30,096	2,473	493	20,584	1,774	.....	63	.....	.....	.....	.....	200
1915-16.....	56,709	7,880	883	31,459	4,099	.....	512	.....	.....	.....	\$2,400	.....
1916-17.....	77,092	6,520	1,765	41,418	4,800	.....	5,300	.....	.....	.....	2,500	2,320
1917-18.....	92,998	9,314	1,521	42,530	12,301	.....	7,801	.....	.....	.....	2,700	2,500
1918-19.....	103,847	15,534	3,180	39,700	10,800	.....	6,606	.....	.....	.....	3,000	2,800
New Mexico:												
1914-15.....	18,456	3,739	911	7,389	1,474	.....	2,368	.....	.....	.....	.....	479
1915-16.....	37,229	4,302	770	21,919	2,300	1,400	3,775	.....	.....	.....	.....	2,350
1916-17.....	49,015	4,100	1,665	27,700	2,400	2,430	4,980	.....	.....	.....	.....	2,800
1917-18.....	62,902	3,800	2,210	37,100	4,740	.....	6,240	.....	.....	.....	.....	3,040
1918-19.....	127,536	8,880	1,694	75,666	14,000	1,500	5,669	.....	.....	.....	.....	3,000
New York:												
1914-15.....	183,604	11,868	1,600	104,583	5,050	9,467	2,600	.....	.....	\$2,900	3,000	2,000
1915-16.....	221,825	16,645	.....	119,024	6,250	12,794	2,300	.....	.....	6,400	4,166	2,400
1916-17.....	297,428	14,040	30,000	155,856	15,075	10,375	7,195	.....	.....	7,784	6,000	2,050
1917-18.....	374,222	24,221	700	212,626	35,114	18,694	5,781	.....	.....	11,100	6,959	4,300
1918-19.....	552,341	29,534	24,174	286,135	61,508	42,150	7,680	.....	.....	13,200	10,475	4,500
North Carolina:												
1914-15.....	133,508	2,932	227	76,229	25,719	.....	7,422	\$1,537	\$1,777	6,039	.....	8,229
1915-16.....	191,905	4,650	2,795	96,960	43,265	.....	7,795	1,500	1,500	9,180	.....	13,880
1916-17.....	225,019	7,755	4,708	103,048	53,623	.....	14,615	.....	.....	9,630	.....	15,780
1917-18.....	301,742	10,345	6,620	121,200	73,600	.....	14,960	.....	.....	10,170	.....	18,268
1918-19.....	359,668	11,475	8,532	116,846	104,781	.....	18,590	.....	.....	12,300	.....	19,660
North Dakota:												
1914-15.....	65,050	5,857	540	53,582	.....	.....	4,343	.....	.....	.....	.....	726
1915-16.....	80,424	7,170	3,300	55,244	5,300	.....	6,010	.....	.....	.....	.....	.....
1916-17.....	95,815	9,600	3,975	60,630	7,990	.....	7,000	.....	.....	1,600	.....	.....
1917-18.....	105,808	10,000	6,000	65,440	7,288	.....	6,950	.....	.....	2,150	.....	.....
1918-19.....	153,712	20,781	2,500	81,300	9,450	.....	13,320	.....	.....	3,850	.....	1,900
Ohio:												
1914-15.....	50,898	9,058	3,300	2,181	11,560	20,898	3,200	.....	.....	.....	.....	700
1915-16.....	146,098	21,946	8,760	38,314	16,400	10,250	6,447	.....	.....	.....	.....	3,800
1916-17.....	194,998	22,530	3,150	55,345	19,495	10,453	14,722	.....	.....	.....	.....	5,050
1917-18.....	241,031	32,680	5,650	81,081	18,130	2,260	20,250	.....	.....	7,250	4,650	5,510
1918-19.....	319,006	50,450	7,600	109,503	29,580	1,210	13,030	.....	.....	10,450	6,220	7,353
Oklahoma:												
1914-15.....	101,736	12,408	861	70,875	11,123	3,894	2,340	.....	.....	.....	.....	234
1915-16.....	143,482	13,159	2,500	85,350	24,095	3,309	4,655	1,800	911	.....	.....	2,620
1916-17.....	170,574	11,848	3,480	102,745	30,076	4,500	4,685	2,640	2,800	.....	.....	2,620
1917-18.....	207,948	15,718	3,000	128,540	39,660	.....	5,080	2,860	3,000	.....	.....	5,040
1918-19.....	219,348	21,060	6,190	101,798	49,300	.....	8,140	3,940	6,100	.....	.....	5,440
Oregon:												
1914-15.....	92,741	10,497	2,032	36,778	4,016	15,232	7,999	.....	.....	.....	.....	2,774
1915-16.....	104,804	7,316	6,345	44,691	3,150	8,278	6,465	2,300	.....	.....	.....	5,400
1916-17.....	122,280	9,136	2,375	57,160	3,835	7,599	7,885	2,400	.....	.....	.....	5,400
1917-18.....	125,807	8,156	3,407	59,214	5,201	.....	9,735	3,121	.....	2,755	3,619	7,485
1918-19.....	178,670	21,894	2,556	96,188	4,700	6,800	7,360	3,850	.....	1,150	4,825	7,175
Pennsylvania:												
1914-15.....	47,639	5,589	3,775	25,440	1,767	3,190	.....	.....	.....	.....	.....	2,424
1915-16.....	114,253	11,420	5,800	68,281	6,060	2,002	2,660	.....	.....	.....	.....	8,260
1916-17.....	158,280	11,888	2,278	97,363	7,300	2,000	3,800	.....	.....	3,800	4,100	9,450
1917-18.....	227,488	13,450	8,200	111,721	26,960	1,200	3,500	.....	.....	4,000	3,700	11,120
1918-19.....	280,256	22,616	10,000	130,036	53,840	.....	5,000	.....	.....	7,200	4,200	15,220
Rhode Island:												
1914-15.....	13,310	4,336	449	2,314	1,667	.....	2,967	.....	.....	.....	.....	210
1915-16.....	24,416	4,341	175	9,850	1,925	.....	4,325	.....	.....	.....	1,850	500
1916-17.....	25,845	5,900	450	9,300	1,600	.....	5,445	.....	.....	.....	1,800	.....
1917-18.....	28,178	4,832	500	10,751	2,000	.....	5,645	.....	.....	.....	500	2,500
1918-19.....	28,464	5,362	676	10,701	2,204	.....	5,445	.....	.....	.....	.....	2,550

extension work for five years ending June 30, 1919, by projects—Continued.

Animal diseases.	Agronomy.	Horticulture.	Botany and plant pathology.	Entomology, apiculture, ornithology.	Forestry.	Agricultural engineering.	Farm management.	Rural organization.	Marketing.	Exhibits and fairs.	Farmers' institutes.	Correspondence courses.	Rodent pests.	Miscellaneous specialists.
\$1,318	\$399													
5,900														\$1,350
3,000														1,650
3,200														
3,200														1,000
	3,280	\$3,165					\$1,948							
	2,400	2,300					1,679							
	2,400	2,200					2,100		\$200					
					\$200		2,700							2,550
					200		3,200							554
	3,975	2,532												4,507
	7,020	2,870												2,968
2,600	2,500	6,220												2,558
	5,800	10,700												3,011
														5,727
														2,095
							411							
							2,920							
							1,380							4,392
3,600	2,500								1,500					9,527
	9,000	2,950	\$4,400	\$3,900	2,000		5,336			\$2,500	\$700			9,750
	11,437	3,650	7,250	4,600	2,200		6,920			1,000		\$3,938		10,750
	8,630	5,100	6,000	5,000	3,300	\$500	7,770			650		2,834		9,296
	10,677	7,300	8,950	5,200	3,700	2,950	10,300	\$3,450		750				1,450
	14,080	7,700	11,920	5,400	2,800	10,030	14,880		4,110	2,225				
		1,193				2,200								
	5,400	2,180	400			2,400								
500	8,860	2,500		1,000		2,200		800						
650	7,580	2,600		2,440	3,000	2,400		800		2,800				24,289
2,150	13,510	2,800	2,800	2,440	3,000	2,400	3,050	800	21,480	4,100	8,924			
							1,700							1,700
							5,000							
		600		2,400			5,000							
2,700		1,350	1,350				3,600						2,500	9,111
							3,886			750	27,153			8,390
	4,350					3,636	5,955				34,800	9,995		5,516
3,100	13,040	9,540				4,050	5,340				25,080	3,420		
3,840	20,118	10,475	2,300	3,350		6,133	6,234				27,360	3,800		
						2,242								2,840
						2,340								2,840
						2,480			2,550					
	3,000		2,820	2,700		5,820	3,040							
							2,648		3,000			7,000		13,409
							3,000		4,200			9,839		8,210
	5,305	5,630					3,339		4,200					9,450
	4,230	4,675		1,500			6,975		3,848					4,580
														944
							2,338			3,105				
		3,810					3,960			2,000				
	3,900	3,400					2,000			2,000				5,000
	4,800	6,737		3,100				4,200		2,900				21,900
	4,500	4,500	4,400				3,500							15,244
	1,314	50												
	1,450													
	1,350													
	1,450													
							250							1,276

TABLE V.—Total of funds from all sources for cooperative agricultural

State.	Total.	Administration.	Publications.	County agents.	Home economics.	Extension schools.	Boys' clubs.	Pig clubs.	Poultry clubs.	Animal husbandry.	Poultry.	Dairying.
South Carolina:												
1914-15..	\$100,581	\$4,402	\$907	\$64,472	\$20,565	.....	\$1,523	.....	\$1,768	\$5,284	\$1,758	\$6,725
1915-16..	138,114	5,700	2,000	62,084	41,390	.....	.....	.....	1,380	8,200	3,000	7,060
1916-17..	194,367	9,843	2,000	73,546	54,887	.....	3,300	.....	.....	8,550	2,100	6,140
1917-18..	215,224	13,230	2,300	67,422	76,177	.....	4,100	.....	1,750	8,000	.....	14,080
1918-19..	304,552	21,930	4,900	93,180	109,447	.....	5,804	.....	.....	17,810	3,575	13,950
South Dakota:												
1914-15..	42,857	617	42	11,667	2,112	.....	2,438	.....	.....	.....	.....	.....
1915-16..	62,279	5,294	299	34,621	.....	\$14,093	2,500	.....	.....	840	.....	2,700
1916-17..	82,239	7,564	497	42,899	1,685	9,825	3,800	.....	.....	2,250	.....	2,700
1917-18..	91,017	7,065	1,200	46,500	4,625	7,017	4,800	.....	.....	3,200	.....	2,700
1918-19..	164,174	18,100	1,700	100,726	.....	7,300	5,140	.....	.....	3,000	2,500	2,700
Tennessee:												
1914-15..	86,597	7,936	1,584	52,975	12,231	1,296	.....	.....	2,366	2,322	.....	3,620
1915-16..	134,765	26,878	2,606	58,282	25,554	2,307	.....	.....	2,650	5,050	.....	5,559
1916-17..	157,951	16,315	4,188	61,236	43,092	3,000	2,300	.....	2,960	6,075	.....	7,700
1917-18..	183,848	23,150	5,227	64,885	55,596	3,000	.....	.....	3,000	6,380	.....	7,860
1918-19..	239,759	32,010	7,920	86,139	67,182	6,000	.....	.....	3,610	9,924	.....	8,984
Texas:												
1914-15..	195,981	24,614	2,263	132,801	17,040	7,491	2,438	.....	.....	.....	.....	6,447
1915-16..	234,337	21,233	4,097	140,726	24,288	16,240	5,350	.....	.....	.....	.....	6,117
1916-17..	303,075	23,600	7,093	171,950	36,920	14,908	5,000	.....	.....	10,500	.....	3,300
1917-18..	393,995	21,415	10,090	233,887	51,529	13,116	8,000	.....	.....	10,716	.....	6,308
1918-19..	475,665	31,200	13,090	226,093	102,916	.....	7,788	.....	.....	7,678	3,04	7,150
Utah:												
1914-15..	51,558	4,206	1,638	19,538	2,191	5,506	6,287	.....	.....	.....	.....	3,035
1915-16..	49,270	6,112	1,056	18,073	5,287	.....	5,241	.....	.....	.....	.....	2,750
1916-17..	50,407	6,851	1,189	21,450	5,825	1,300	4,425	.....	.....	.....	.....	2,350
1917-18..	84,484	7,880	2,200	36,058	8,151	1,700	7,961	.....	.....	.....	.....	2,800
1918-19..	84,078	9,320	2,200	37,490	7,795	.....	5,780	.....	.....	.....	.....	3,100
Vermont:												
1914-15..	41,845	4,473	160	23,784	.....	6,087	2,449	.....	.....	.....	.....	3,585
1915-16..	55,743	6,495	400	30,173	2,500	2,725	2,980	.....	.....	.....	.....	3,695
1916-17..	51,069	5,446	300	32,237	2,700	2,690	4,131	.....	.....	.....	.....	.....
1917-18..	57,323	5,802	500	35,335	3,150	650	5,749	.....	.....	100	545	1,300
1918-19..	62,417	6,018	500	38,900	2,835	.....	5,639	.....	.....	.....	520	2,580
Virginia:												
1914-15..	108,598	2,429	154	78,846	15,438	.....	.....	.....	1,573	.....	.....	2,208
1915-16..	130,295	8,748	538	84,017	24,337	.....	.....	.....	2,235	2,940	.....	880
1916-17..	160,876	11,333	1,540	87,386	33,357	975	6,530	.....	2,950	4,810	.....	3,190
1917-18..	202,515	17,870	2,870	107,281	46,499	300	3,540	.....	.....	3,740	3,480	6,100
1918-19..	275,782	42,272	5,096	113,960	58,474	1,100	4,100	.....	3,640	8,700	3,100	10,300
Washington:												
1914-15..	58,119	8,108	1,826	30,900	2,429	3,516	5,370	.....	.....	.....	.....	3,918
1915-16..	64,599	7,599	1,486	32,624	3,092	.....	7,491	.....	.....	.....	1,198	7,647
1916-17..	79,515	7,275	1,500	40,190	4,300	.....	9,760	.....	.....	.....	1,225	7,805
1917-18..	130,435	12,900	2,239	71,760	5,700	.....	14,776	.....	.....	8,630	1,225	.....
1918-19..	187,591	17,920	2,700	81,030	8,620	.....	29,270	.....	.....	2,700	3,625	9,920
West Virginia:												
1914-15..	80,886	8,649	2,289	39,617	7,630	4,721	5,582	.....	.....	.....	.....	1,155
1915-16..	121,849	8,996	2,790	67,228	13,946	4,840	12,175	.....	.....	.....	.....	2,604
1916-17..	145,701	10,544	1,960	76,580	17,413	1,885	16,080	.....	.....	4,255	.....	2,711
1917-18..	155,503	12,512	2,310	76,563	21,529	2,510	16,592	.....	.....	5,495	.....	5,352
1918-19..	183,017	17,789	3,320	81,001	24,240	2,520	16,845	.....	.....	8,790	.....	6,342
Wisconsin:												
1914-15..	51,621	1,944	5,074	33,206	.....	6,590	1,455	.....	.....	.....	.....	380
1915-16..	103,960	6,740	1,300	46,180	9,000	7,500	3,300	.....	.....	1,300	.....	4,000
1916-17..	120,131	7,360	1,980	56,000	8,160	8,975	3,570	.....	.....	6,500	.....	4,250
1917-18..	194,244	16,451	2,655	76,822	6,120	6,000	5,350	.....	.....	5,500	.....	10,300
1918-19..	214,277	15,390	5,558	97,635	7,000	8,703	5,576	.....	.....	5,500	.....	9,500
Wyoming:												
1914-15..	26,442	5,442	1,695	9,314	2,958	2,007	2,707	.....	.....	.....	.....	2,316
1915-16..	44,005	6,492	1,850	25,007	2,800	400	3,150	.....	.....	.....	.....	3,000
1916-17..	61,415	7,491	2,024	38,700	2,950	200	5,550	.....	.....	200	.....	3,100
1917-18..	86,903	8,290	2,360	54,394	2,700	200	8,659	.....	.....	3,200	.....	3,200
1918-19..	101,261	10,375	1,820	62,068	4,600	200	11,630	.....	.....	3,408	.....	3,252
Total:												
1914-15..	3,607,208	298,493	72,115	1,922,751	319,779	194,640	167,654	\$9,385	10,003	31,966	9,928	107,775
1915-16..	4,871,620	422,078	100,735	2,488,756	538,061	212,763	229,905	20,760	12,933	191,711	30,466	153,958
1916-17..	6,130,146	445,720	137,187	3,102,883	756,050	193,713	310,877	15,630	15,740	126,815	44,684	173,871
1917-18..	7,617,098	599,107	138,323	3,833,396	1,043,560	135,624	412,599	28,901	17,260	176,188	65,745	233,267
1918-19..	10,087,240	876,591	221,076	4,810,149	1,506,903	144,173	499,345	29,880	24,426	261,142	105,246	303,341

extension work for five years ending June 30, 1919, by projects—Continued.

Animal diseases.	Agronomy.	Horticulture.	Botany and plant pathology.	Entomology, apiculture, ornithology.	Forestry.	Agricultural engineering.	Farm management.	Rural organization.	Marketing.	Exhibits and fairs.	Farmers' institutes.	Correspondence courses.	Rodent pests.	Miscellaneous specialists.
.....	.....	\$2,175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	\$2,100	2,200	.....	.....	.....	.....	.....	.....	\$3,000	.....	.....	.....	.....	.....
.....	2,100	2,774	\$2,500	\$1,500	.....	.....	.....	.....	3,000	.....	.....	.....	.....	\$22,127
.....	2,850	7,200	5,200	2,800	.....	.....	.....	\$1,358	7,000	.....	.....	.....	.....	1,757
.....	5,491	7,025	4,400	3,700	.....	.....	\$3,065	1,925	3,550	.....	.....	.....	.....	4,740
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	440	.....	.....	.....	\$650	840	.....	.....	.....	\$20,000	.....	.....	5,978
\$2,325	1,875	.....	.....	.....	.....	1,575	3,300	.....	.....	.....	.....	.....	.....	365
2,675	1,200	2,100	.....	575	.....	2,100	5,260	.....	.....	.....	.....	.....	.....	1,058
3,700	1,200	3,200	.....	2,500	.....	3,200	8,150	.....	.....	.....	.....	.....	.....	83
.....	2,180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	3,125	.....	202	.....	\$358	.....	.....	2,200	.....	.....	.....	.....	.....	.....
.....	6,260	1,165	.....	.....	.....	.....	.....	3,660	.....	.....	.....	.....	.....	.....
.....	6,070	.....	.....	3,060	.....	2,500	.....	.....	3,060	.....	.....	.....	.....	.....
.....	3,480	.....	150	.....	1,000	3,370	3,550	.....	6,440	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	580	.....	.....	.....	\$610	.....	.....	.....	1,694
.....	.....	.....	.....	.....	.....	1,250	8,120	6,917	.....	.....	.....	.....	.....	.....
.....	.....	.....	16,483	.....	.....	.....	.....	13,320	.....	.....	.....	.....	.....	.....
.....	.....	20,818	.....	.....	.....	.....	.....	18,116	.....	.....	.....	.....	.....	.....
2,400	.....	27,558	.....	.....	.....	.....	.....	23,328	15,600	.....	.....	.....	.....	7,660
.....	.....	.....	.....	.....	.....	.....	1,579	.....	.....	.....	.....	.....	.....	6,970
.....	2,300	.....	.....	.....	.....	.....	2,550	.....	.....	.....	800	\$600	.....	4,504
.....	2,225	.....	.....	.....	.....	.....	2,461	.....	.....	.....	.....	600	.....	1,730
.....	2,350	.....	.....	.....	.....	.....	4,400	275	3,400	.....	.....	1,000	.....	6,309
.....	2,600	.....	.....	.....	.....	.....	4,550	275	2,850	.....	1,000	3,150	.....	3,968
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,208	.....	.....	.....	96
.....	.....	.....	.....	.....	.....	.....	1,960	.....	3,450	1,365	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	2,240	.....	.....	1,325	.....	.....	.....	.....
.....	.....	175	.....	.....	.....	.....	3,917	.....	.....	100	.....	.....	.....	.....
.....	.....	150	.....	.....	.....	.....	5,275	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,948
1,600	.....	3,225	.....	.....	.....	1,775	.....	.....	.....	.....	.....	.....	.....	.....
.....	1,000	5,565	.....	.....	.....	2,240	.....	.....	.....	.....	.....	.....	.....	.....
.....	3,100	6,815	.....	.....	.....	620	.....	300	.....	.....	.....	.....	.....	.....
.....	3,700	9,240	3,300	2,800	950	3,800	.....	300	.....	.....	.....	.....	\$950	.....
.....	.....	.....	.....	.....	.....	.....	2,048	.....	.....	.....	.....	.....	.....	.....
.....	682	.....	.....	.....	.....	.....	2,776	.....	.....	.....	.....	.....	.....	.....
.....	2,420	.....	2,320	.....	.....	.....	2,720	.....	.....	.....	.....	.....	.....	.....
.....	3,000	.....	.....	.....	.....	.....	2,760	.....	.....	.....	.....	.....	.....	7,445
.....	3,400	8,250	6,600	8,600	.....	.....	2,900	.....	.....	.....	.....	.....	1,500	556
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,300	7,387	843	.....	1,708
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,360	890	.....	1,030
.....	3,600	3,243	.....	.....	.....	.....	.....	.....	.....	.....	5,650	880	.....	900
.....	4,120	3,270	.....	.....	.....	.....	.....	.....	.....	.....	4,010	790	.....	450
2,450	5,100	5,800	3,370	.....	.....	.....	.....	.....	.....	.....	4,150	850	.....	450
.....	.....	.....	.....	.....	.....	705	2,257	.....	.....	.....	.....	.....	.....	.....
.....	9,050	2,000	2,950	.....	.....	4,800	2,840	.....	.....	.....	.....	.....	.....	.....
.....	7,580	2,000	3,536	.....	.....	5,150	5,070	.....	.....	.....	.....	.....	.....	.....
.....	6,010	4,050	3,986	.....	.....	48,050	2,550	.....	.....	.....	.....	.....	.....	.....
.....	7,310	4,330	4,135	.....	.....	38,800	2,570	.....	.....	.....	1,400	.....	.....	860
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	266	1,000	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	300	700	.....	.....	200
.....	.....	.....	.....	.....	.....	.....	3,100	.....	.....	100	600	.....	.....	100
.....	3,408	.....	.....	.....	.....	.....	.....	.....	.....	200	200	.....	100	.....
4,562	24,188	28,741	4,923	3,900	3,965	14,041	44,428	17,055	2,299	14,016	78,744	8,442	.....	144,960
21,200	78,555	63,534	15,442	10,086	6,058	37,829	85,657	24,964	17,634	8,067	54,906	27,121	.....	108,401
23,345	125,480	82,490	35,139	13,485	3,700	52,281	97,155	34,082	35,356	7,775	72,420	38,713	.....	128,685
36,665	149,010	148,023	23,886	31,090	9,150	102,212	112,515	47,276	82,750	9,600	39,635	20,565	.....	120,751
50,190	217,652	183,682	101,053	72,215	8,700	124,163	171,994	42,038	153,354	8,275	53,167	25,540	6,550	102,741

Meetings were held at the demonstration plats for the purpose of giving information to a large number of farmers. At these meetings the agent would go over the farm with those assembled, discuss the operations informally, and invite questions. The farmer saw the value of the better methods and gradually applied them to the whole farm. Demonstrations varied in size and character, depending upon the problem to be met. The results of hundreds of these demonstrations in a county gave the farmers confidence in the ability of the agent, and thus grew up a great variety of work on the part of the county agent in giving general instruction and advice to farmers where he was unable to visit their farms regularly.

It was noted a number of years ago that where the county agent could secure the cooperation of an organized body of farmers in the community in conducting demonstrations and giving information his work became more effective. Out of this experience has developed a systematic effort on the part of the county agent to work through organized bodies of farmers and to create organizations in communities where there are none.

Prior to 1912 practically all of the extension work of the department of this character was carried on in the 15 Southern States. This branch of the work is growing steadily. In that year \$165,000 was made available to extend the work into the Northern and Western States, and the work in those States was placed under the supervision of the Office of Farm Management. The work in the North has grown rapidly and now has more than trebled its original Federal appropriation. Out of the work in the South and the North which was assigned to the States Relations Service in 1914, has grown a large field of activity now generally known as county-agent work or demonstration work through county agents. On July 1, 1918, 2,513 men county agents were employed in the United States.

The county agents are employed cooperatively by the county, the State agricultural college, and the United States Department of Agriculture, assisted in some cases by other cooperating parties.

The extent to which the county agent comes in contact with the farmers in his community is indicated by Table VI.

TABLE VI—*Work of the county agents.*

State.	Farm visits made.			Meetings held.			Attendance.		
	1915	1916	1917	1915	1916	1917	1915	1916	1917
Alabama.....	64,932	79,380	65,634	.....	4,171	3,763	27,291	149,080	214,999
Arizona.....	2,098	4,035	6,126	263	526	596	9,306	14,114	25,760
Arkansas.....	34,598	61,014	57,657	1,770	3,459	5,267	81,310	159,080	199,379
California.....	9,105	8,822	13,169	1,585	1,784	2,766	64,419	89,576	102,792
Colorado.....	5,610	4,842	5,632	736	1,084	1,667	45,393	54,349	84,946
Connecticut.....	2,945	3,284	4,687	379	675	1,074	18,240	34,257	46,158
Delaware.....	1,793	1,605	1,668	179	163	172	8,414	6,987	5,630
Florida.....	25,179	22,624	26,317	508	596	848	23,168	35,593	55,320
Georgia.....	67,432	101,767	151,930	1,036	3,596	4,770	101,800	183,429	438,840
Idaho.....	2,049	5,405	7,061	305	451	965	16,423	29,921	32,760
Illinois.....	5,856	6,532	7,589	761	1,027	1,120	53,621	83,162	82,340
Indiana.....	11,592	8,530	9,870	3,674	3,250	4,829	267,126	247,753	279,947
Iowa.....	6,400	9,357	16,687	899	2,538	4,184	83,462	116,082	213,148
Kansas.....	6,684	8,456	11,452	1,039	1,941	3,007	61,818	104,189	144,046
Kentucky.....	25,698	34,707	31,354	2,000	2,541	3,375	130,952	167,879	209,059
Louisiana.....	36,658	59,400	66,960	1,321	1,107	2,015	47,410	57,731	124,782
Maine.....	3,275	4,034	7,415	206	352	890	7,247	12,420	39,049
Maryland.....	8,503	12,808	18,673	792	947	2,339	42,715	35,494	148,148
Massachusetts.....	6,241	5,182	3,613	1,280	942	983	41,102	51,382	71,944
Michigan.....	9,063	13,077	21,586	1,046	1,790	3,336	58,737	84,187	197,416
Minnesota.....	9,326	7,172	6,298	1,965	1,503	1,455	113,775	116,032	129,045
Mississippi.....	23,328	56,357	67,075	193	3,813	5,090	104,680	147,464	348,820
Missouri.....	4,658	4,732	5,061	9,997	1,448	2,635	109,183	89,032	127,733
Montana.....	3,559	3,984	5,821	241	392	863	19,904	35,180	98,708
Nebraska.....	4,586	5,275	4,160	587	729	518	24,430	26,237	20,080
Nevada.....	.....	84	1,405	.....	60	55	.....	1,370	1,656
New Hampshire.....	4,125	4,781	5,620	350	654	849	20,819	33,429	44,140
New Jersey.....	5,598	8,347	10,071	343	752	2,073	16,181	37,151	52,474
New Mexico.....	4,902	3,906	8,382	488	549	907	22,323	33,955	47,024
New York.....	18,543	19,797	27,353	2,926	3,235	4,938	168,211	174,463	259,496
North Carolina.....	70,350	85,437	72,838	3,257	2,883	3,945	171,739	1,902,085	266,305
North Dakota.....	11,593	13,493	12,852	831	823	802	83,046	56,544	95,134
Ohio.....	4,068	4,928	9,804	864	1,323	2,367	83,442	92,304	184,693
Oklahoma.....	36,894	62,528	67,632	2,931	3,388	4,882	141,413	227,297	459,978
Oregon.....	6,326	7,298	5,853	601	916	1,154	35,637	29,137	48,281
Pennsylvania.....	9,000	15,517	22,416	1,372	2,853	4,360	124,053	230,783	286,160
Rhode Island.....	44	486	1,106	19	207	265	953	6,318	8,966
South Carolina.....	.....	50,860	37,306	.....	1,326	2,118	.....	94,125	155,520
South Dakota.....	4,719	5,194	5,889	612	1,002	928	44,901	51,757	51,552
Tennessee.....	.....	35,452	38,942	.....	1,629	13,404	.....	82,981	284,517
Texas.....	40,777	64,683	94,630	.....	3,948	6,569	113,538	210,815	458,879
Utah.....	8,356	6,809	9,530	459	536	1,003	23,014	45,112	48,922
Vermont.....	7,402	7,793	8,350	2,839	1,149	857	23,750	39,130	43,268
Virginia.....	47,259	55,408	59,317	887	2,550	4,249	149,217	140,122	221,748
Washington.....	6,018	5,844	6,663	843	694	1,597	39,615	35,698	63,539
West Virginia.....	17,034	27,289	48,055	1,972	3,212	6,137	78,880	165,787	294,109
Wisconsin.....	5,718	7,507	9,682	588	875	1,564	44,651	59,470	98,020
Wyoming.....	2,964	4,826	4,442	152	484	563	8,390	12,996	24,560

Differences in methods of recording the data prevent the figures from being strictly comparable.

It is recognized by all engaged in the work that the county agent should be a man of practical experience in farming and of such personality as to enable him to become a leader among the farmers of his county. He must also have such agricultural education and technical training as fit him for this important duty. Other things being equal, preference is given to graduates of agricultural colleges who have the proper personality and practical experience.

It will be seen that one of the duties of the county agent is to bring to the farmers of his county on their own farms the results of scientific investigations in agriculture and the experience of successful farmers, and through demonstrations to influence the farmers to put these into practice. In his organization work, as explained above, he assists in reorganizing and redirecting the agriculture of the com-

munity, and assists all economic and social forces working for the improvement of agriculture and country life. He gives instruction not only in those subjects which are generally recognized under the head of improved agricultural practices, but also in farm management, marketing, and purchasing supplies. In all of this work he conducts a large number of demonstrations and gives out much valuable information. He works, as far as possible, with existing organizations, such as granges, farmers' unions, alliances, organized farmers' institutes, community clubs, etc., but may also aid in forming new organizations especially suited to support his work.

In the South great emphasis is laid upon community organizations of farmers. These are increasing rapidly and involve both the work among men and that among women. The tendency and general policy of the work in most of the States in that territory is gradually to form central county organizations composed of representatives of the community organizations to deal in cooperation with the county agents with such problems as are county-wide in their nature.

In some of the Northern and Western States county organizations called farm bureaus have been developed to support the county agents in their work. The farm bureau may include in its membership any person who is interested in better farming. Its officers are generally selected annually. It has an executive committee which has the responsibility of arranging for the selection and financing of the county agent, and its committees, both central and local, assist the county agent in carrying out the program of work for the county.

The growth of county-agent work is indicated in Table VII.

TABLE VII.—*Number of counties with men agents.*

State.	Agri- cul- tural coun- ties.	Counties with men agents.					State.	Agri- cul- tural coun- ties.	Counties with men agents.				
		July 1, 1914.	July 1, 1915.	July 1, 1916.	July 1, 1917.	July 1, 1918.			July 1, 1914.	July 1, 1915.	July 1, 1916.	July 1, 1917.	July 1, 1918.
Alabama.....	67	67	67	65	62	66	Nevada.....	15	.....	.....	.....	6	8
Arizona.....	14	.....	3	6	7	11	New Hampshire..	10	1	5	8	9	10
Arkansas.....	75	45	52	53	61	68	New Jersey.....	19	4	7	11	10	17
California.....	45	4	11	13	17	33	New Mexico.....	26	.....	8	9	11	25
Colorado.....	35	13	13	19	16	29	New York.....	57	25	29	36	41	56
Connecticut.....	8	1	6	7	8	8	North Carolina..	100	51	64	65	69	91
Delaware.....	3	.....	3	3	2	3	North Dakota....	51	17	15	15	17	38
Florida.....	54	25	36	33	37	53	Ohio.....	75	8	10	12	20	63
Georgia.....	152	80	81	83	117	120	Oklahoma.....	77	40	56	59	62	77
Idaho.....	30	2	3	7	11	27	Oregon.....	35	10	12	13	14	24
Illinois.....	102	14	18	20	22	53	Pennsylvania....	67	10	14	22	45	53
Indiana.....	92	27	31	32	40	83	Rhode Island....	5	.....	.....	4	4	5
Iowa.....	99	9	11	16	26	97	South Carolina..	45	43	43	42	40	43
Kansas.....	105	9	39	56	53	67	South Dakota....	66	3	5	11	13	59
Kentucky.....	120	28	39	47	45	90	Tennessee.....	46	36	38	48	57	91
Louisiana.....	64	41	43	43	42	58	Texas.....	250	98	99	90	92	178
Maine.....	16	.....	3	4	9	16	Utah.....	28	8	10	8	15	28
Maryland.....	23	8	13	16	23	22	Vermont.....	14	7	9	11	11	13
Massachusetts...	13	1	10	9	11	13	Virginia.....	100	53	55	51	53	75
Michigan.....	84	11	17	22	30	71	Washington.....	37	7	10	13	22	34
Minnesota.....	86	27	23	19	16	85	West Virginia...	55	13	27	29	45	48
Mississippi.....	81	48	49	44	53	79	Wisconsin.....	71	9	12	13	22	59
Missouri.....	114	13	15	14	15	71	Wyoming.....	21	3	6	8	13	15
Montana.....	41	4	8	7	12	23							
Nebraska.....	93	5	8	9	8	79	Total.....	2,936	928	1,136	1,225	1,434	2,435

### BOYS' AND GIRLS' CLUB WORK.

Extension work among young people usually has been conducted through clubs organized for that purpose.

Boys' corn clubs and other agricultural clubs have been in existence for over 15 years. The department, in cooperation with the State agricultural colleges, has done much to popularize this demonstration work and make it effective through acre contests in corn growing. Boys and girls between the ages of 10 and 18 are admitted to these clubs, the work being conducted very largely in cooperation with school officials and teachers in the rural communities. These clubs are supervised by State agents or assistants located at the agricultural colleges, who represent both the college and the department. They are assisted by county agents, who aid in the organization and maintenance of the work, and by club specialists from the States Relations Service and the Bureau of Animal Industry of the United States Department of Agriculture.

By far the most widespread and numerous organizations of this character are the boys' corn clubs. The members enter into competition in corn growing on an acre of ground, on their fathers' farms, as a rule. Prizes are provided and the basis of award is the largest production at the lowest cost, with best exhibit of 10 ears and best essay on the year's work. Definite instructions in preparation of the soil, planting, cultivation, etc., are given to the members. They are taught valuable lessons about the handling of the soil, selection of good seed, improvement of varieties, use of fertilizers, cost accounting, etc.

Clubs have also been organized for contests in the growing of potatoes, cotton, grain, apples, as well as in the raising of pigs and poultry. In most of the States the prizes now offered in all of these clubs have educational value, such as scholarships at the agricultural colleges or at short courses, trips to points of interest, etc.

Boys' pig clubs have been organized to stimulate interest in swine production, and to teach boys profitable methods of feeding, the value of the best breeds, and the home production of meat for the family. This work supplements the boys' corn clubs by showing the boys that it is profitable to sell crops by feeding them to live stock. Members of the clubs are taught also the curing of meats at home, the judging of hogs, and their selection for breeding and marketing purposes. Consideration is given to management, feeding, sanitation, and to the prevention of diseases of swine, especially hog cholera. Prizes are awarded on the basis of excellence of hogs fed for purpose intended, gain in weight, cost of production, and record of feeding and care. Prizes are offered for animals raised for breeding purposes and for slaughtering, and for the best brood sow with litter.

The objects of the boys' and girls' poultry clubs are to teach poultry raising, handling, and marketing; the value of uniform product

of high class for cooperative marketing, better care of poultry and eggs, and the increased revenue derived from better breeding and management. Each club member is expected to raise a certain number of fowls, keep accurate account, make exhibits at the fairs, and write a composition on some phase of the work.

Girls' clubs have been formed to teach gardening and canning of vegetables and fruits for home and market and thus promote the utilization of the surplus and waste products of the farm and garden; to teach profitable farm poultry raising; to provide a means for girls to earn money at home; to pave the way for practical demonstrations in home economics and stimulate cooperation among members of the family and in the community; and to furnish teachers a plan for correlating home work with school work.

This work was first begun with the canning club. Girls from 10 to 18 years of age are enrolled to plant and cultivate a garden of one-tenth of an acre. The most important part of the training, however, is the canning of products of the garden for home use and market. Prizes are awarded on the basis of the quality and quantity of the products of the garden and the variety, quality, and quantity of the canned product, the profit shown by cost accounting, and the written account of how the crop was made. A uniform club label is provided and a standard weight and grade of canned product fixed for marketing purposes. Encouragement is given to cooperative marketing.

#### HOME ECONOMICS EXTENSION WORK.

All of the extension work described in this circular is conducted in the interest of all the people on the farm. However, it is as important to provide special extension work for women and girls on the farm as it is for men. This special work is now being developed according to the same general plan as the extension work in agriculture.

Out of the girls' canning-club work in the South has grown the employment of women county agents, or home-demonstration agents. When sufficient funds are available, a well-trained woman is employed to give instruction in home economics to farmers' wives and daughters throughout the county. The woman agent organizes clubs of women and girls, gives them instruction, conducts demonstrations, and superintends the putting of the lessons into practice in the homes. Women agents now are being appointed in some of the counties in the North and West. On July 1, 1918, there were 1,715 counties with women agents in the United States.

In home economics, as in agriculture, there are in addition to the county agents or leaders specialists who conduct extension schools, general neighborhood meetings, conferences, etc., and assist the

women county agents. Among the problems now being taken up are children's welfare, selection, preservation, and preparation of food, canning of fruit and vegetables on the farm, the selection and protection of water supply, sewage disposal, house ventilation, household equipment and management, use of labor-saving devices and machinery, control of insects and other pests, etc.

The number of women agents employed July 1, 1914, 1915, 1916, 1917, and 1918 is shown in the following table:

TABLE VIII.—*Number of counties with women agents.*

State.	Counties with women agents.					State.	Counties with women agents.				
	July 1, 1914.	July 1, 1915.	July 1, 1916.	July 1, 1917.	July 1, 1918.		July 1, 1914.	July 1, 1915.	July 1, 1916.	July 1, 1917.	July 1, 1918.
Alabama.....	18	19	27	28	67	Nevada.....	.....	.....	1	.....	10
Arizona.....	.....	.....	.....	.....	3	New Hampshire.....	.....	.....	.....	2	9
Arkansas.....	15	20	31	47	65	New Jersey.....	.....	.....	1	.....	8
California.....	.....	.....	.....	.....	24	New Mexico.....	.....	.....	.....	.....	11
Colorado.....	.....	.....	2	.....	7	New York.....	.....	.....	1	3	38
Connecticut.....	.....	.....	.....	5	8	North Carolina....	27	34	44	48	72
Delaware.....	.....	.....	.....	1	3	North Dakota.....	.....	.....	.....	2	33
Florida.....	24	27	28	35	54	Ohio.....	.....	.....	1	.....	13
Georgia.....	29	48	45	57	125	Oklahoma.....	19	24	22	23	50
Idaho.....	.....	.....	.....	.....	24	Oregon.....	.....	.....	.....	.....	15
Illinois.....	.....	.....	1	.....	88	Pennsylvania.....	.....	.....	1	.....	48
Indiana.....	.....	.....	.....	.....	22	Rhode Island.....	.....	.....	.....	.....	4
Iowa.....	.....	.....	.....	.....	96	South Carolina....	21	24	31	36	44
Kansas.....	.....	.....	.....	.....	14	South Dakota.....	.....	.....	.....	.....	42
Kentucky.....	9	19	24	27	96	Tennessee.....	18	24	31	49	94
Louisiana.....	13	13	18	20	33	Texas.....	26	27	38	31	67
Maine.....	.....	.....	.....	.....	14	Utah.....	.....	.....	2	2	14
Maryland.....	5	6	10	13	22	Vermont.....	.....	.....	.....	.....	7
Massachusetts.....	.....	.....	1	6	12	Virginia.....	17	22	25	38	52
Michigan.....	.....	.....	1	1	24	Washington.....	.....	.....	.....	.....	22
Minnesota.....	.....	.....	.....	.....	39	West Virginia.....	5	10	12	12	33
Mississippi.....	33	33	32	49	71	Wisconsin.....	.....	.....	.....	.....	17
Missouri.....	.....	.....	.....	.....	48	Wyoming.....	.....	.....	.....	.....	5
Montana.....	.....	.....	.....	.....	18						
Nebraska.....	.....	.....	.....	2	30	Total.....	279	350	430	537	1,715

#### FARM-MANAGEMENT DEMONSTRATIONS.

A farm-management demonstration aims to teach a farmer a practical method of summarizing and analyzing his farm business as a means of determining the profit or loss incurred in conducting it and of deciding upon modifications which promise to increase the net income of the farm. These demonstrations are conducted in most cases by county agents, with the assistance of a farm-management demonstrator, who is cooperatively employed by the college and the United States Department of Agriculture.

#### EXTENSION WORK THROUGH SPECIALISTS.

Both the State agricultural colleges and the Department of Agriculture employ specialists in various branches of agriculture and home economics to aid county agents in their work and also to give direct instruction to farmers in counties where there are no county

agents. A specialist is generally an extension agent who has special knowledge of some particular line of work and who is efficient in presenting his subject to county agents and to farmers. He may be differentiated from the county agent in that the county agent may have to cover the entire field of agriculture, whereas the specialist's work is generally limited to a particular phase, such as dairying, horticulture, poultry, etc.

The principal lines of extension work of this character now being conducted in the Department of Agriculture are hog-cholera control, pig, cattle, sheep, and poultry production, promotion of dairying, and the use of dairy products, especially cottage cheese, through the Bureau of Animal Industry; seed production and distribution, plant-diseases control, home gardening, and preservation of fruits and vegetables, through the Bureau of Plant Industry; beekeeping and control of insect pests, through the Bureau of Entomology; control of rodent pests, through the Bureau of Biological Survey; marketing and rural organization, through the Bureau of Markets; conservation and utilization of wood as fuel and for other purposes, through the Forest Service; and farm business methods, through the Office of Farm Management. All of this work is conducted in cooperation with the agricultural colleges in the several States under project agreements mutually entered into as a part of the general system of cooperation under the general memorandum of understanding between the Secretary of Agriculture and the colleges of agriculture.

#### EXTENSION SCHOOLS.

Short, practical courses of instruction, accompanied by demonstrations, illustrated lectures, and exhibits, organized and conducted by specialists attached to the agricultural colleges, are given in different localities. The local arrangements are often made by the county agents, and these schools usually are planned to assist the county agent in the development of extension projects undertaken in the county. The schools commonly occupy one week, but in some cases a somewhat shorter or longer period.

#### EMERGENCY DEMONSTRATION WORK.

In addition to the fund provided above for the regular cooperative agricultural extension work, Congress included in the food production act for 1917-18 an item of \$4,348,400 for increasing food production, eliminating waste, and promoting conservation of food, by educational and demonstrational methods through county, district, and urban agents, and others. Under the provisions of this act over 4,648 emergency demonstration agents have been employed, and for the first time agents have been designated to take up work in the larger

urban centers. The food production act for 1918-19 includes an item of \$6,100,000 for like purposes.

The following table shows the number of persons connected with county-agent work, home-demonstration work, and boys' and girls' club work who are paid some part of their salaries from funds appropriated to the United States Department of Agriculture for regular or war emergency work and who are located in the States:

TABLE IX.—*Number of extension workers.*

Class of agents.	January, 1918.			January, 1919.		
	Regular.	Emer- gency.	Total.	Regular.	Emer- gency.	Total.
<i>County-agent work.</i>						
SOUTH.						
Directors and State leaders.....	27	.....	27	26	.....	26
Assistant State leaders.....	7	.....	7	8	.....	8
District agents.....	44	22	66	51	14	65
County seats and assistants.....	631	447	1,078	566	548	1,114
Local agents (colored).....	56	19	105	60	88	148
Total.....	765	518	1,283	711	650	1,361
NORTH AND WEST.						
Directors and State leaders.....	33	.....	33	13	18	31
Assistant State leaders.....	26	.....	26	28	65	91
County agents and assistants.....	408	601	1,009	349	942	1,291
Total.....	467	601	1,068	388	1,025	1,413
UNITED STATES.						
Directors and State leaders.....	60	.....	60	39	18	57
Assistant State leaders.....	33	.....	33	34	65	99
District agents.....	44	22	66	51	14	65
County agents and assistants.....	1,039	1,048	2,087	915	1,490	2,405
Local agents (colored).....	56	49	105	60	88	148
Total.....	1,232	1,119	2,351	1,099	1,675	2,774
<i>Home-demonstration work.</i>						
SOUTH.						
State leaders.....	14	.....	14	15	.....	15
Assistant State leaders.....	14	.....	14	19	.....	19
District agents.....	17	29	46	20	38	58
County agents.....	421	328	749	257	465	722
Local agents (colored).....	10	61	71	37	97	134
City agents.....	.....	65	65	.....	64	64
City agents (colored).....	.....	8	8	.....	15	15
Total.....	476	491	967	348	679	1,027
NORTH AND WEST.						
State leaders.....	12	35	47	7	27	34
Assistant State leaders.....	.....	30	30	8	39	47
District agents.....	.....	.....	.....	.....	.....	.....
County agents.....	25	282	307	16	446	462
City agents.....	.....	57	57	1	108	109
Total.....	37	404	441	32	620	652
UNITED STATES.						
State leaders.....	26	35	61	22	27	49
Assistant State leaders.....	14	30	44	27	39	66
District agents.....	17	29	46	20	38	58
County agents.....	446	610	1,056	273	911	1,184
Local agents (colored).....	10	61	71	37	97	134
City agents.....	.....	122	122	1	172	173
City agents (colored).....	.....	8	8	.....	15	15
Total.....	513	895	1,408	380	1,299	1,679

TABLE IX.—*Number of extension workers*—Continued.

Class of agents.	January, 1918.			January, 1919.		
	Regular.	Emer- gency.	Total.	Regular.	Emer- gency.	Total.
<i>Boys' and girls' club work.</i>						
SOUTH.						
State leaders.....	19	.....	19	21	.....	21
Assistant State leaders.....	6	27	33	.....	.....	.....
County leaders.....	27	.....	27	18	26	44
Total.....	52	27	79	39	26	65
NORTH AND WEST.						
State leaders.....	26	2	28	26	3	29
Assistant State leaders.....	32	36	68	37	58	95
County leaders.....	78	140	218	19	237	256
District leaders.....	.....	52	52	.....	.....	.....
Total.....	136	230	366	82	298	380
UNITED STATES.						
State leaders.....	45	2	47	47	3	50
Assistant State leaders.....	38	63	101	37	58	95
County leaders.....	105	140	245	37	263	300
District leaders.....	.....	52	52	.....	.....	.....
Total.....	188	257	445	121	324	445

## HOW TO GET IN TOUCH WITH THE EXTENSION SERVICE.

If the farmer or members of his family desire the cooperation of the State agricultural college in solving any of the farm or home problems, application should first be made to the county agent, if there is one; if there is no county agent, then to the director of extension at the State agricultural college to get in touch with the extension organization in order that the services which this organization is prepared to give may be secured.

## OFFICIALS IN CHARGE OF COOPERATIVE EXTENSION WORK.

## OFFICERS OF THE STATES RELATIONS SERVICE.

A. C. True, director.

Bradford Knapp, chief, J. A. Evans, assistant chief, Office of Extension Work South.

C. B. Smith, chief, C. E. Gunnels, assistant chief, Office of Extension Work North and West.

## STATE OFFICERS.

State.	Officer in charge of extension work.	Address.
Alabama.....	J. F. Duggar.....	Alabama Polytechnic Institute, Auburn
Arizona.....	E. P. Taylor.....	College of Agriculture, University of Arizona, Tucson.
Arkansas.....	W. C. Lassetter....	College of Agriculture, University of Arkansas, Fayetteville.
California.....	W. T. Clarke.....	College of Agriculture, University of California, Berkeley.
Colorado.....	H. T. French.....	State Agricultural College of Colorado, Fort Collins.
Connecticut.....	H. J. Baker.....	Connecticut Agricultural College, Storrs.
Delaware.....	H. Hayward.....	Delaware College, Newark.
Florida.....	P. H. Rolfs.....	College of Agriculture, University of Florida, Gainesville.
Georgia.....	J. Phil Campbell....	Georgia State College of Agriculture, Athens.
Idaho.....	L. W. Fluharty....	The State House, Boise.
Illinois.....	W. F. Handschin....	College of Agriculture, University of Illinois, Urbana.
Indiana.....	G. I. Christie <sup>1</sup> ....	Purdue University, Lafayette.
Iowa.....	R. K. Bliss.....	Iowa State College of Agriculture and Mechanic Arts, Ames.
Kansas.....	E. C. Johnson.....	Kansas State Agricultural College, Manhattan.
Kentucky.....	Fred Mutchler.....	College of Agriculture, University of Kentucky, Lexington.
Louisiana.....	W. R. Perkins.....	Louisiana State University and Agricultural and Mechanical College, University Station, Baton Rouge.
Maine.....	L. S. Merrill.....	College of Agriculture, University of Maine, Orono.
Maryland.....	T. B. Symons.....	Maryland State College of Agriculture, College Park.
Massachusetts.....	W. D. Hurd.....	Massachusetts Agricultural College, Amherst.
Michigan.....	R. J. Baldwin.....	Michigan Agricultural College, East Lansing.
Minnesota.....	A. D. Wilson.....	College of Agriculture, University of Minnesota, University Farm, St. Paul.
Mississippi.....	E. R. Lloyd.....	Mississippi Agricultural and Mechanical College, Agricultural College.
Missouri.....	A. J. Meyer.....	College of Agriculture, University of Missouri, Columbia.
Montana.....	F. S. Cooley.....	Montana State College of Agriculture and Mechanic Arts, Bozeman.
Nebraska.....	C. E. Gunnels.....	College of Agriculture, University of Nebraska, Lincoln.
Nevada.....	C. A. Norcross.....	College of Agriculture, University of Nevada, Reno.
New Hampshire.....	J. C. Kendall.....	New Hampshire College of Agriculture and the Mechanic Arts, Durham.
New Jersey.....	L. A. Clinton.....	Rutger's College and the State University of New Jersey, New Brunswick.
New Mexico.....	A. C. Cooley.....	New Mexico College of Agriculture and Mechanic Arts, State College.
New York.....	A. R. Mann.....	New York State College of Agriculture, Ithaca.
North Carolina.....	B. W. Kilgore.....	North Carolina State College of Agriculture and Engineering, West Raleigh.
North Dakota.....	G. W. Randlett....	North Dakota Agricultural College, Agricultural College
Ohio.....	C. S. Wheeler.....	College of Agriculture, Ohio State University, Columbus.
Oklahoma.....	J. A. Wilson.....	Oklahoma Agricultural and Mechanical College, Stillwater.
Oregon.....	O. D. Center.....	Oregon Agricultural College, Corvallis.
Pennsylvania.....	M. S. McDowell....	Pennsylvania State College, State College.
Rhode Island.....	A. E. Stene.....	Rhode Island State College, Kingston.
South Carolina.....	W. W. Long.....	Clemson Agricultural College of South Carolina, Clemson College.
South Dakota.....	Christian Larsen....	South Dakota State College, Brookings.
Tennessee.....	C. A. Keffer.....	College of Agriculture, University of Tennessee, Knoxville.
Texas.....	Clarence Ousley <sup>2</sup> ..	Agricultural and Mechanical College of Texas, College Station.
Utah.....	J. T. Caine, III <sup>3</sup> ..	Agricultural College of Utah, Logan.
Vermont.....	Thomas Bradlee....	University of Vermont and State Agricultural College, Burlington.
Virginia.....	J. M. Jones.....	Virginia Polytechnic Institute, Blacksburg.
Washington.....	W. S. Thornber....	State College of Washington, Pullman.
West Virginia.....	C. R. Titlow.....	College of Agriculture, West Virginia University, Morgantown.
Wisconsin.....	K. L. Hatch.....	College of Agriculture, University of Wisconsin, Madison.
Wyoming.....	A. E. Bowman.....	College of Agriculture, University of Wyoming, Laramie.

<sup>1</sup> T. A. Coleman, acting.<sup>2</sup> T. O. Walton, acting.<sup>3</sup> William Peterson, acting.

TABLE X.—Number of extension workers July 1, 1917 and 1918.<sup>1</sup>

State.	Full time.				Part time.				Total.			
	Men.		Women.		Men.		Women.		Men.		Women.	
	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918
Alabama.....	93	110	39	91	11	12	3	5	104	122	42	96
Arizona.....	9	17	1	5	1	6	.....	8	10	23	1	13
Arkansas.....	107	112	60	95	14	16	1	1	121	128	61	96
California.....	36	.....	2	.....	62	.....	1	.....	98	.....	3	.....
Colorado.....	17	35	3	11	7	2	.....	.....	24	37	3	11
Connecticut.....	16	.....	8	.....	3	.....	3	.....	19	.....	11	.....
Delaware.....	4	6	2	6	6	4	1	1	10	10	3	7
Florida.....	44	55	32	44	13	17	12	15	57	72	44	59
Georgia.....	126	146	66	113	.....	.....	.....	.....	126	146	66	113
Idaho.....	16	45	2	15	11	21	4	17	27	66	6	32
Illinois.....	32	81	7	48	5	36	2	16	37	117	9	64
Indiana.....	72	110	7	45	73	176	28	48	145	286	35	93
Iowa.....	57	.....	11	.....	54	.....	32	.....	111	.....	11	.....
Kansas.....	45	.....	11	.....	.....	.....	.....	.....	45	.....	.....	.....
Kentucky.....	62	.....	32	.....	62	.....	.....	.....	124	.....	64	.....
Louisiana.....	72	95	26	63	2	6	.....	.....	74	101	26	63
Maine.....	11	29	2	12	1	11	.....	6	12	40	2	18
Maryland.....	36	43	34	31	6	4	.....	11	42	47	34	42
Massachusetts.....	27	.....	14	.....	7	.....	.....	.....	34	.....	14	.....
Michigan.....	45	125	6	51	.....	1	.....	3	45	126	6	54
Minnesota.....	32	.....	4	.....	28	.....	8	.....	60	.....	12	.....
Mississippi.....	82	122	38	70	2	2	20	18	84	124	58	88
Missouri.....	43	110	6	71	3	.....	.....	.....	46	110	6	71
Montana.....	24	.....	4	.....	.....	.....	.....	.....	24	.....	4	.....
Nebraska.....	26	99	12	22	14	6	6	24	40	105	18	46
Nevada.....	6	10	4	12	4	3	2	9	10	13	6	21
New Hampshire.....	18	33	3	21	15	15	1	1	33	48	4	22
New Jersey.....	28	36	7	20	2	9	.....	3	30	45	7	23
New Mexico.....	36	49	13	22	5	11	.....	1	41	60	13	23
New York.....	73	101	7	9	16	19	2	1	89	120	9	10
North Carolina.....	106	124	43	75	9	12	20	3	115	136	63	78
North Dakota.....	27	.....	3	.....	11	.....	3	.....	38	.....	6	.....
Ohio.....	48	80	11	35	66	57	13	13	114	137	24	48
Oklahoma.....	81	117	37	76	3	.....	1	.....	84	117	38	76
Oregon.....	35	42	16	18	19	17	2	7	54	59	18	25
Pennsylvania.....	49	67	3	27	.....	15	.....	.....	49	82	3	27
Rhode Island.....	.....	12	1	8	6	7	.....	2	6	19	1	10
South Carolina.....	67	69	47	86	7	9	1	1	74	78	48	87
South Dakota.....	20	.....	1	.....	6	.....	8	.....	26	.....	9	.....
Tennessee.....	82	104	70	105	6	6	.....	1	88	110	70	106
Texas.....	160	237	46	85	.....	.....	.....	.....	160	237	46	85
Utah.....	26	43	5	16	5	33	.....	19	31	76	5	35
Vermont.....	15	30	1	15	9	36	1	15	24	66	2	30
Virginia.....	64	119	19	75	27	2	107	84	91	121	126	159
Washington.....	41	85	10	56	.....	.....	.....	.....	41	85	10	56
West Virginia.....	77	32	5	32	61	9	13	.....	138	41	18	32
Wisconsin.....	28	.....	4	.....	75	.....	1	.....	103	.....	5	.....
Wyoming.....	17	30	2	8	8	2	2	.....	25	32	4	8
Total.....	2,238	.....	787	.....	745	.....	330	.....	2,983	.....	1,117	.....

<sup>1</sup> 1918 figures are not complete.

## ACT OF 1914 PROVIDING FOR COOPERATIVE AGRICULTURAL EXTENSION WORK.

[Smith-Lever Act.]

AN ACT To provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an act of Congress approved July second, eighteen hundred and sixty-two, and of acts supplementary thereto, and the United States Department of Agriculture.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That in order to aid in diffusing among the people of the United States useful and practical information on subjects relating to agriculture and home economics, and to encourage the application of the same, there may be inaugurated in connection with the college or colleges in each State now receiving, or which may hereafter receive, the benefits of the act of Congress approved July second, eighteen hundred and sixty-two, entitled "An act donating public lands to the several States and Territories which may provide colleges for the benefit of agriculture and the mechanic arts" (Twelfth Statutes at Large, page five hundred and three), and of the act of Congress approved August thirtieth, eighteen hundred and ninety (Twenty-sixth Statutes at Large, page four hundred and seventeen and chapter eight hundred and forty-one), agricultural extension work which shall be carried on in cooperation with the United States Department of Agriculture: *Provided*, That in any State in which two or more such colleges have been or hereafter may be established the appropriations hereinafter made to such State shall be administered by such college or colleges as the legislature of such State may direct: *Provided further*, That, pending the inauguration and development of the cooperative extension work herein authorized, nothing in this act shall be construed to discontinue either the farm management work or the farmers' cooperative demonstration work as now conducted by the Bureau of Plant Industry of the Department of Agriculture.

SEC. 2. That cooperative agricultural extension work shall consist of the giving of instruction and practical demonstrations in agriculture and home economics to persons not attending or resident in said colleges in the several communities, and imparting to such persons information on said subjects through field demonstrations, publications, and otherwise; and this work shall be carried on in such manner as may be mutually agreed upon by the Secretary of Agriculture and the State agricultural college or colleges receiving the benefits of this act.

SEC. 3. That for the purpose of paying the expenses of said cooperative agricultural extension work and the necessary printing and distributing of information in connection with the same, there is permanently appropriated, out of any money in the Treasury not otherwise appropriated, the sum of \$480,000 for each year, \$10,000 of which shall be paid annually, in the manner hereinafter provided, to each State which shall by action of its legislature assent to the provisions of this act: *Provided*, That payment of such installments of the appropriation hereinbefore made as shall become due to any State before the adjournment of the regular session of the legislature meeting next after the passage of this act may, in the absence of prior legislative assent, be made upon the assent of the governor thereof, duly certified to the Secretary of the Treasury: *Provided further*, That there is also appropriated an additional sum of \$600,000 for the fiscal year following that in which the foregoing appropriation first becomes available, and for each year thereafter for seven years a sum exceeding by \$500,000 the sum appropriated for each preceding year, and for each year thereafter there is permanently appropriated for each year the sum of \$4,100,000 in addition to the sum of \$480,000 hereinbefore provided: *Provided further*, That before the funds herein appropriated shall become available to any college for any fiscal year plans for the work to be carried on under this act shall be submitted by the proper officials of each college and approved by the Secretary of Agriculture: Such additional sums shall be used only for the purposes hereinbefore stated, and shall be allotted annually to each State by the Secretary of Agriculture and paid in the manner hereinbefore

provided, in the proportion which the rural population of each State bears to the total rural population of all the States as determined by the next preceding Federal census: *Provided further*, That no payment out of the additional appropriations herein provided shall be made in any year to any State until an equal sum has been appropriated for that year by the legislature of such State, or provided by State, county, college, local authority, or individual contributions from within the State, for the maintenance of the cooperative agricultural extension work provided for in this act.

SEC. 4. That the sums hereby appropriated for extension work shall be paid in equal semiannual payments on the first day of January and July of each year by the Secretary of the Treasury upon the warrant of the Secretary of Agriculture, out of the Treasury of the United States, to the treasurer or other officer of the State duly authorized by the laws of the State to receive the same: and such officer shall be required to report to the Secretary of Agriculture, on or before the first day of September of each year, a detailed statement of the amount so received during the previous fiscal year, and of its disbursement, on forms prescribed by the Secretary of Agriculture.

SEC. 5. That if any portion of the moneys received by the designated officer of any State for the support and maintenance of cooperative agricultural extension work, as provided in this act, shall by any action or contingency be diminished or lost or be misapplied, it shall be replaced by said State to which it belongs, and until so replaced no subsequent appropriation shall be apportioned or paid to said State, and no portion of said moneys shall be applied, directly or indirectly, to the purchase, erection, preservation, or repair of any building or buildings, or the purchase or rental of land, or in college-course teaching, lectures in colleges, promoting agricultural trains, or any other purpose not specified in this act, and not more than five per centum of each annual appropriation shall be applied to the printing and distribution of publications. It shall be the duty of each of said colleges annually, on or before the first day of January, to make to the governor of the State in which it is located a full and detailed report of its operations in the direction of extension work as defined in this act, including a detailed statement of receipts and expenditures from all sources for this purpose, a copy of which report shall be sent to the Secretary of Agriculture and to the Secretary of the Treasury of the United States.

SEC. 6. That on or before the first day of July in each year after the passage of this act the Secretary of Agriculture shall ascertain and certify to the Secretary of the Treasury as to each State whether it is entitled to receive its share of the annual appropriation for cooperative agricultural extension work under this act, and the amount which it is entitled to receive. If the Secretary of Agriculture shall withhold a certificate from any State of its appropriation, the facts and reasons therefor shall be reported to the President, and the amount involved shall be kept separate in the Treasury until the expiration of the Congress next succeeding a session of the legislature of any State from which a certificate has been withheld, in order that the State may, if it should so desire, appeal to Congress from the determination of the Secretary of Agriculture. If the next Congress shall not direct such sum to be paid, it shall be covered into the Treasury.

SEC. 7. That the Secretary of Agriculture shall make an annual report to Congress of the receipts, expenditures, and results of the cooperative agricultural extension work in all of the States receiving the benefits of this act, and also whether the appropriation of any State has been withheld, and if so, the reasons therefor.

SEC. 8. That Congress may at any time alter, amend, or repeal any or all of the provisions of this act.

Approved, May 8, 1914 (38 Stat. L., 372).